

UNITED STATES DEPARTMENT OF THE INTERIOR
 MINERALS MANAGEMENT SERVICE
 GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 397	Date of Summary: 09-JUL-1984	First Sample Examined: 5610
Lease Number: G06060	Source of Paleo: OPERATOR	Borehole MD: 7794
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7794
API Well Number: 427044012600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5610 - 7794	Water Depth: 80
Public Info Code: Y 26-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo from phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5610 /	DEF AT first sample examined	DEF AT 2
6270 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
7794 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 412	Date of Summary: 28-MAY-1969	First Sample Examined: 3000
Lease Number: G01712	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 427043001200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 3000 - 10000	Water Depth: 69
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
4660 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5650 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
5860 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
6310 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6610 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7390 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
7480 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7630 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7810 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8650 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10000 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 417	Date of Summary: 11-JAN-1986	First Sample Examined: 0
Lease Number: G06063	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7915
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7914
API Well Number: 427044015500	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 28-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3625 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6365 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7660 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7850 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 433	Date of Summary: 04-MAR-1969	First Sample Examined: 3000
Lease Number: G01715	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8980
API Well Number: 427040007100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 3000 - 9000	Water Depth: 80
Public Info Code: Y 28-MAY-1971	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3850 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4885 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6190 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7000 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7495 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7720 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
8215 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 449	Date of Summary: 03-JUN-1983	First Sample Examined: 1000
Lease Number: G04551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16689
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16510
API Well Number: 427044006200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 16690	Water Depth: 65
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
1001 / 1001	DEF AT local marker foram increase	DEF AT 1
1390 / 1390	DEF AT local marker foram increase	DEF AT 1
1810 / 1810	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1930 / 1930	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2200 / 2200	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2500 / 2500	DEF AT charophytes	DEF AT 2
4990 / 4990	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5080 / 5079	DEF AT local marker planktic foram increase	DEF AT 2
5350 / 5349	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
5590 / 5589	DEF AT local marker planktic foram increase	DEF AT 3
5680 / 5679	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6010 / 6009	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6070 / 6069	DEF AT local marker planktic foram increase	DEF AT 3
6340 / 6339	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6820 / 6819	DEF AT local marker planktic foram increase	DEF AT 3
7090 / 7088	DEF AT local marker planktic foram increase	DEF AT 3
7120 / 7118	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7600 / 7598	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7790 / 7788	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
7840 / 7838	DEF AT local marker planktic foram increase	DEF AT 4
8680 / 8678	DEF AT - - - -	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 449	Date of Summary: 03-JUN-1983	First Sample Examined: 1000
Lease Number: G04551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16689
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16510
API Well Number: 427044006200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 16690	Water Depth: 65
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8980 / 8978	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
9760 / 9758	DEF AT local marker planktic foram increase	DEF AT 5
9820 / 9818	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
10240 / 10237	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
11230 / 11226	DEF AT pyrite	DEF AT 5
11620 / 11613	POS IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 5
11980 / 11968	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 5
12500 / 12478	DEF AT local marker planktic foram increase	DEF AT 5
12530 / 12507	POS IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
14140 / 14096	DEF AT poor sample interval top	DEF AT 5
15850 / 15736	DEF AT local marker planktic foram increase	DEF AT 5
16360 / 16204	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
16570 / 16405	DEF AT local marker planktic foram increase	DEF AT 3
16658 / 16490	DEF AT poor sample interval bottom	DEF AT 3
16659 / 16491	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
16690 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 449	Date of Summary: 15-JAN-1985	First Sample Examined: 3500
Lease Number: G04551	Source of Paleo: OPERATOR	Borehole MD: 7784
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7784
API Well Number: 427044014300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7730	Water Depth: 65
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF IN 2
5510 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5600 /	DEF AT - - - -	DEF AT 3
5810 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6620 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7220 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7670 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7730 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 471	Date of Summary: 11-FEB-1972	First Sample Examined: 1880
Lease Number: G01722	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 427044000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 1880 - 11000	Water Depth: 89
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1880 /	DEF AT first sample examined	DEF AT
2770 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4460 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5720 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7220 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 471	Date of Summary: 01-JAN-1974	First Sample Examined: 2820
Lease Number: G01722	Source of Paleo: OPERATOR	Borehole MD: 6024
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6024
API Well Number: 427044000500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 2820 - 6024	Water Depth: 90
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2820 /	DEF AT first sample examined	DEF AT
2821 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4559 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5812 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6024 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 478	Date of Summary: 29-AUG-1986	First Sample Examined: 6030
Lease Number: G06067	Source of Paleo: OPERATOR	Borehole MD: 15707
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15660
API Well Number: 427044012200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 4650 - 15690	Water Depth: 67
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6030 / 6030	DEF AT first sample examined	DEF AT 2
6031 / 6031	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6300 / 6299	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7140 / 7139	DEF AT - - - - -	DEF AT 3
7260 / 7259	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8040 / 8039	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9570 / 9569	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
11100 / 11097	DEF AT - - - - -	DEF AT 5
11670 / 11665	DEF AT - - - - -	DEF AT 6
12210 / 12205	DEF AT - - - - -	DEF AT 5
13140 / 13133	DEF AT - - - - -	DEF AT 4
13200 / 13193	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
14070 / 14060	DEF AT - - - - -	DEF AT 2
15330 / 15293	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
15390 / 15351	DEF AT - - - - -	DEF AT 4
15690 / 15643	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 478	Date of Summary: 16-APR-1987	First Sample Examined: 4650
Lease Number: G06067	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15707
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 15660
API Well Number: 427044012200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 4650 - 15690	Water Depth: 67
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4650 / 4650	DEF AT first sample examined	DEF AT 2
4770 / 4770	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5250 / 5250	DEF AT drilling material	DEF AT 2
5310 / 5310	DEF AT local marker foram decrease	DEF AT 2
5340 / 5340	DEF AT local marker foram increase	DEF AT 2
5430 / 5430	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
5490 / 5490	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5640 / 5640	DEF AT local marker planktic foram increase	DEF AT 2
5790 / 5790	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6090 / 6090	DEF AT local marker foram increase	DEF AT 2
6270 / 6269	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6360 / 6359	DEF AT oxidized shale	DEF AT 2
6390 / 6389	DEF AT sand	DEF AT 2
6570 / 6569	DEF AT local marker foram increase	DEF AT 2
6990 / 6989	DEF AT pyrite	DEF AT 2
7050 / 7049	DEF AT oxidized shale	DEF AT 2
7080 / 7079	DEF AT local marker foram increase	DEF AT 2
7140 / 7139	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7260 / 7259	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7500 / 7499	DEF AT oxidized shale	DEF AT 3
7710 / 7709	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 3
8040 / 8039	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 478	Date of Summary: 16-APR-1987	First Sample Examined: 4650
Lease Number: G06067	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15707
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 15660
API Well Number: 427044012200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 4650 - 15690	Water Depth: 67
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8328 / 8327	DEF AT oxidized shale	DEF AT 4
8910 / 8909	DEF AT cement	DEF AT 4
9090 / 9089	DEF AT local marker foram increase	DEF AT 4
9570 / 9569	DEF AT local marker foram increase	DEF AT 4
10500 / 10498	DEF AT local marker planktic foram increase	DEF AT 4
10680 / 10677	DEF AT local marker foram increase	DEF AT 4
11100 / 11097	DEF AT local marker planktic foram increase	DEF AT 4
11369 / 11365	DEF AT local marker foram decrease	DEF AT 4
11370 / 11366	DEF AT drilling material	DEF AT 4
11550 / 11545	DEF AT pyrite	DEF AT 4
11700 / 11695	DEF AT - - - - -	DEF AT 5
12120 / 12115	DEF AT local marker planktic foram increase	DEF AT 5
12300 / 12295	DEF AT local marker foram decrease	DEF AT 5
12480 / 12474	DEF AT local marker planktic foram increase	DEF AT 5
12690 / 12684	DEF AT - - - - -	DEF AT 6
12720 / 12714	DEF AT pyrite	DEF AT 6
13200 / 13193	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 6
13410 / 13402	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 6
13589 / 13581	DEF AT local marker foram decrease	DEF AT 5
13590 / 13582	DEF AT gray shale	DEF AT 5
13890 / 13881	DEF AT pyrite	DEF AT 4
14070 / 14060	DEF AT sand	DEF AT 4
14250 / 14238	DEF AT gray shale	DEF AT 4
14820 / 14795	DEF AT sand	DEF AT 4

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End Date: 31-DEC-1987

Area Block: BA 478	Date of Summary: 16-APR-1987	First Sample Examined: 4650
Lease Number: G06067	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15707
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 15660
API Well Number: 427044012200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 4650 - 15690	Water Depth: 67
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
14970 / 14942	DEF AT gray shale	DEF AT 4
15330 / 15293	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
15360 / 15322	DEF AT local marker foram decrease	DEF AT 4
15390 / 15351	DEF AT local marker foram increase	DEF AT 4
15420 / 15381	DEF AT local marker foram decrease	DEF AT 4
15570 / 15527	DEF AT local marker planktic foram increase	DEF AT 5
15690 / 15643	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 478	Date of Summary: 20-NOV-1987	First Sample Examined: 0
Lease Number: G06067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15425
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15425
API Well Number: 427044016700	Drilling Operator: CLIFFS DRILLING COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12210 /	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
14430 /	DEF AT local marker (general)	DEF AT
14760 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 26-JAN-1988	First Sample Examined: 1000
Lease Number: G03734	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427044003500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12000	Water Depth: 69
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
1540 /	DEF AT - - - - -	DEF AT 2
1630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1990 /	DEF AT - - - - -	DEF AT 1
4690 /	DEF AT - - - - -	DEF AT 2
4780 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4930 /	DEF AT - - - - -	DEF AT 3
5080 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
5350 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5710 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5800 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6370 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7060 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7330 /	DEF AT - - - - -	DEF AT 3
7420 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7960 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9610 /	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
9880 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
10840 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 4
11102 /	DEF AT - - - - -	DEF AT 3
12000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 13-MAY-1988	First Sample Examined: 1000
Lease Number: G03734	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 12000
API Well Number: 427044003500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1000 - 12000	Water Depth: 69
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
1030 /	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1600 /	DEF AT shell fragments	DEF AT 1
1630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1720 /	DEF AT local marker foram decrease	DEF AT 2
2140 /	DEF AT pyrite	DEF AT 2
2230 /	DEF AT charophytes	DEF AT 1
2530 /	DEF AT oxidized shale	DEF AT 1
2531 /	DEF AT glauconite	DEF AT 1
2532 /	DEF AT pyrite	DEF AT 1
4270 /	DEF AT oxidized shale	DEF AT 1
4389 /	POS AT reworked material	DEF AT 2
4390 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
4689 /	DEF AT unconformity	DEF AT 2
4690 /	DEF AT oxidized shale	DEF AT 2
4779 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
4780 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4840 /	DEF AT gray shale	DEF AT 2
4870 /	DEF AT - - - -	DEF AT 3
5080 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
5110 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
5350 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 13-MAY-1988	First Sample Examined: 1000
Lease Number: G03734	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 12000
API Well Number: 427044003500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1000 - 12000	Water Depth: 69
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5380 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5680 /	DEF AT pyrite	DEF AT 3
5710 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5800 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6160 /	DEF AT limestone	DEF AT 3
6940 /	DEF AT local marker foram increase	DEF AT 3
6970 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
7090 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7420 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7629 /	DEF AT unconformity	DEF AT 3
7630 /	DEF AT oxidized shale	DEF AT 3
7960 /	DEF AT - - - - -	DEF AT 4
7990 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8199 /	POS AT unconformity	DEF AT 4
8200 /	DEF AT oxidized shale	DEF AT 4
8950 /	DEF AT local marker foram decrease	DEF AT 4
8980 /	DEF AT cement	DEF AT 4
9010 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
9160 /	DEF AT pyrite	DEF AT 4
9220 /	DEF AT local marker foram decrease	DEF AT 4
9280 /	DEF AT oxidized shale	DEF AT 4
9550 /	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 5
9610 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
9900 /	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 13-MAY-1988	First Sample Examined: 1000
Lease Number: G03734	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 12000
API Well Number: 427044003500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1000 - 12000	Water Depth: 69
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9910 /	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 5
10510 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 5
10690 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 5
10869 /	POS AT unconformity	DEF AT 5
10870 /	DEF AT oxidized shale	DEF AT 5
11019 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11020 /	DEF AT local marker foram decrease	DEF AT 4
11021 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
11200 /	DEF AT glauconite	DEF AT 4
11260 /	DEF AT - - - - -	DEF AT 3
11800 /	DEF AT gray shale	DEF AT 3
11980 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 26-NOV-1980	First Sample Examined: 0
Lease Number: G03734	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8081
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8081
API Well Number: 427044003800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 /	POS AT Lower (Early) Miocene	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 05-FEB-1982	First Sample Examined: 3000
Lease Number: G03734	Source of Paleo: OPERATOR	Borehole MD: 11178
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11171
API Well Number: 427044007900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3000 - 12000	Water Depth: 66
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT 2
4790 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5270 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5540 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6290 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6770 /	DEF AT - - - - -	DEF AT 4
6950 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7460 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7520 /	DEF AT - - - - -	DEF AT 3
7700 /	DEF AT - - - - -	DEF AT 4
7760 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
10160 /	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
10400 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10640 /	DEF AT - - - - -	DEF AT 3
12000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 488	Date of Summary: 09-MAR-1983	First Sample Examined: 3500
Lease Number: G03734	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11178
Well Name: 003	Paleo Done By: ED COTTON	Borehole TVD: 11171
API Well Number: 427044007900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 3500 - 11178	Water Depth: 66
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	POS AT 2
4820 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5270 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5570 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6320 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6890 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7520 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7730 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8600 /	DEF AT cement	DEF AT 3
8870 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
10160 /	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 3
10190 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 3
10400 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
11178 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 498	Date of Summary: 01-DEC-1987	First Sample Examined: 3020
Lease Number: G06073	Source of Paleo: OPERATOR	Borehole MD: 5982
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5981
API Well Number: 427044014400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3020 - 5982	Water Depth: 95
Public Info Code: Y 29-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3020 / 3020	DEF AT first sample examined	DEF AT 2
3080 / 3080	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
3260 / 3260	DEF AT - - - - -	DEF AT 1
3560 / 3560	DEF AT - - - - -	DEF AT 3
4400 / 4400	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
4700 / 4699	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
4940 / 4939	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
5870 / 5869	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
5982 / 5981	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 502	Date of Summary: 10-MAY-1982	First Sample Examined: 0
Lease Number: G04555	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10427
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8900
API Well Number: 427044006600	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8170 / 7325	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 502	Date of Summary: 13-MAR-1985	First Sample Examined: 0
Lease Number: G04555	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 427044014100	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2760 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3360 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3420 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3950 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4260 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4500 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4710 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4830 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5880 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7080 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7170 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9450 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
9780 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11550 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 505	Date of Summary: 26-DEC-1968	First Sample Examined: 3064
Lease Number: G01724	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427040007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 3064 - 12000	Water Depth: 108
Public Info Code: Y 29-DEC-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3064 /	DEF AT first sample examined	DEF AT
3065 /	DEF IN Pliocene	DEF AT
3424 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4890 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4950 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5430 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5730 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6360 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8910 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11540 /	DEF AT local marker deep water fauna	DEF AT
11600 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 505	Date of Summary: 27-JAN-1969	First Sample Examined: 686
Lease Number: G01724	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427040007500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 686 - 12000	Water Depth: 110
Public Info Code: Y 29-DEC-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
686 /	DEF AT first sample examined	DEF AT
1316 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2646 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3336 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4816 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4846 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5150 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5630 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6020 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8480 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11582 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12000 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 505	Date of Summary: 18-AUG-1970	First Sample Examined: 0
Lease Number: G01724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10990
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10990
API Well Number: 427043003800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 29-DEC-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5280 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8960 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 506	Date of Summary: 17-JUL-1972	First Sample Examined: 600
Lease Number: G01725	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11702
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11702
API Well Number: 427040005900	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 600 - 11702	Water Depth: 140
Public Info Code: Y 26-DEC-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
600 /	DEF AT first sample examined	DEF IN 1
630 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
1290 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
2610 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2760 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
2940 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3000 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 2
3150 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
3180 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3359 /	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 2
3360 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3690 /	DEF IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 2
4020 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4170 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4230 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 2
5010 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5250 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5340 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5580 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5669 /	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5670 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 2
6030 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 506	Date of Summary: 17-JUL-1972	First Sample Examined: 600
Lease Number: G01725	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11702
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11702
API Well Number: 427040005900	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 600 - 11702	Water Depth: 140
Public Info Code: Y 26-DEC-1973	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6210 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
6270 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
6690 /	DEF AT local marker benthic foram increase	DEF AT 2
7500 /	POS IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
8040 /	DEF AT local marker benthic foram increase	DEF AT 2
8609 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8610 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
8730 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
8895 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
8999 /	DEF AT pyrite	DEF AT 2
9000 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
9240 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
9480 /	DEF AT Bathysiphon fauna	DEF AT 2
10470 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
10980 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
11250 /	DEF AT faunal change (no faunal increase)	DEF IN 2
11310 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11370 /	DEF AT local marker benthic foram increase	DEF AT 4
11460 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
11580 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11610 /	DEF AT faunal change (no faunal increase)	DEF IN 5
11640 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 5
11670 /	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF IN 5
11702 /	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 508	Date of Summary: 18-APR-1969	First Sample Examined: 3000
Lease Number: G01726	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427043000300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 3000 - 12000	Water Depth: 90
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
4885 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
5560 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6460 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7490 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9515 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9830 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9920 /	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT
10460 /	DEF AT local marker deep water fauna	DEF AT
12000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 24-FEB-1982	First Sample Examined: 1230
Lease Number: G04556	Source of Paleo: OPERATOR	Borehole MD: 15092
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15035
API Well Number: 427044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 6	Sample Range: 1230 - 11940	Water Depth: 74
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
1230 / 1230	DEF AT first sample examined	DEF IN 2
1950 / 1950	DEF AT - - - - -	DEF AT 1
4650 / 4650	DEF AT - - - - -	DEF AT 2
4980 / 4980	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5160 / 5160	DEF AT sample gap top	POS AT 3
6810 / 6803	DEF AT sample gap bottom	DEF AT 3
6840 / 6833	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6990 / 6983	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7500 / 7493	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7800 / 7793	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11940 / 11931	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 24-FEB-1982	First Sample Examined: 11970
Lease Number: G04556	Source of Paleo: OPERATOR	Borehole MD: 15092
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15035
API Well Number: 427044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 6	Sample Range: 11970 - 12630	Water Depth: 74
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11970 / 11960	DEF AT first sample examined	DEF IN 4
12450 / 12437	POS AT - - - - -	DEF AT 5
12630 / 12615	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 24-FEB-1982	First Sample Examined: 11850
Lease Number: G04556	Source of Paleo: OPERATOR	Borehole MD: 15092
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15035
API Well Number: 427044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 93
Paleo Report Num: 3 of 6	Sample Range: 11850 - 15095	Water Depth: 74
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11850 / 11841	DEF AT first sample examined	DEF AT
11990 / 11980	DEF AT sample gap top	DEF AT
12630 / 12615	DEF AT sample gap bottom	DEF AT
13950 / 13923	DEF AT - - - - -	DEF AT 6
15095 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 14-JAN-1983	First Sample Examined: 1230
Lease Number: G04556	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15092
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15035
API Well Number: 427044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 93
Paleo Report Num: 4 of 6	Sample Range: 1230 - 11940	Water Depth: 74
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 006

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1230 / 1230	DEF AT first sample examined	DEF AT 1
4980 / 4980	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5010 / 5010	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5130 / 5130	DEF AT sample gap top	POS AT 2
6810 / 6803	DEF AT sample gap bottom	POS AT 2
6840 / 6833	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7020 / 7013	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7560 / 7553	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7710 / 7703	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
7800 / 7793	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9300 / 9293	DEF AT local marker planktic foram increase	DEF AT 4
10050 / 10043	POS IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
11520 / 11512	DEF AT local marker benthic foram increase	DEF AT 4
11940 / 11931	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 14-JAN-1983	First Sample Examined: 11970
Lease Number: G04556	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15092
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15035
API Well Number: 427044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 93
Paleo Report Num: 5 of 6	Sample Range: 11970 - 12630	Water Depth: 74
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 007

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11970 / 11960	DEF AT first sample examined	DEF AT 4
12360 / 12348	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
12630 / 12615	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 14-JAN-1983	First Sample Examined: 11850
Lease Number: G04556	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15092
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15035
API Well Number: 427044007100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 93
Paleo Report Num: 6 of 6	Sample Range: 11850 - 15095	Water Depth: 74
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 008

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
11850 / 11841	DEF AT first sample examined	DEF AT
11990 / 11980	DEF AT sample gap top	DEF AT
12630 / 12615	DEF AT sample gap bottom	DEF AT
12631 / 12616	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 6
13380 / 13359	DEF AT local marker foram increase	DEF AT 6
13560 / 13538	POS IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 6
13950 / 13923	DEF AT local marker foram increase	DEF AT 6
15095 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 530	Date of Summary: 28-JAN-1986	First Sample Examined: 0
Lease Number: G04556	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11300
API Well Number: 427044015400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 75
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7160 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7370 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8540 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 01-MAY-1970	First Sample Examined: 650
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11791
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11791
API Well Number: 427040006400	Drilling Operator: TEXACO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 650 - 11791	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
650 /	DEF AT first sample examined	DEF AT
1370 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT
2000 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2170 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
2230 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
2380 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2900 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3530 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3740 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3800 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT
4010 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4160 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
4250 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
4580 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
6110 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7160 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7670 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7880 /	DEF AT local marker planktic foram increase	DEF AT
8390 /	DEF AT local marker planktic foram increase	DEF AT
8780 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
8960 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
9530 /	DEF AT local marker planktic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 01-MAY-1970	First Sample Examined: 650
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11791
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11791
API Well Number: 427040006400	Drilling Operator: TEXACO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 650 - 11791	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9740 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
10580 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
11135 /	DEF AT local marker planktic foram increase	DEF AT
11630 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
11791 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 18-NOV-1970	First Sample Examined: 5000
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8650
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 6809
API Well Number: 427043002300	Drilling Operator: TEXACO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8271	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4160	DEF AT first sample examined	DEF AT
5047 / 4196	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5308 / 4382	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
5395 / 4447	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7851 / 6249	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
8271 / 6551	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 04-SEP-1970	First Sample Examined: 3124
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7382
Well Name: A002	Paleo Done By: LEE LATTA	Borehole TVD: 7382
API Well Number: 427043002500	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3124 - 7333	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3124 /	DEF AT first sample examined	DEF AT
3125 /	DEF AT pyrite	DEF AT
3300 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3598 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3642 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
4430 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
4916 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
4950 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7026 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7162 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7290 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7333 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 11-SEP-1970	First Sample Examined: 3394
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7586
Well Name: A003	Paleo Done By: LEE LATTA	Borehole TVD: 7250
API Well Number: 427043002900	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3394 - 7586	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3394 / 3394	DEF AT first sample examined	DEF AT
3395 / 3395	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
4280 / 4260	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4452 / 4423	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
4802 / 4746	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
4803 / 4747	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5416 / 5291	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
6493 / 6236	DEF AT local marker (general)	DEF AT
6589 / 6327	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7073 / 6787	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7586 / 7261	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 14-JUN-1970	First Sample Examined: 5000
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9106
Well Name: A005	Paleo Done By: LEE LATTA	Borehole TVD: 7059
API Well Number: 427043003200	Drilling Operator: TEXACO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8858	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4120	DEF AT first sample examined	DEF AT
5001 / 4121	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
5400 / 4385	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5749 / 4620	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7836 / 6159	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
8221 / 6449	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
8858 / 6924	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 538	Date of Summary: 17-NOV-1970	First Sample Examined: 3325
Lease Number: G01730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7875
Well Name: A006	Paleo Done By: LEE LATTA	Borehole TVD: 6984
API Well Number: 427043003300	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3325 - 7875	Water Depth: 94
Public Info Code: Y 25-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3325 / 2930	DEF AT first sample examined	DEF AT
3326 / 2931	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3717 / 3225	POS AT ash	DEF AT
4066 / 3502	DEF AT local marker (general)	DEF AT
4109 / 3538	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4196 / 3611	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
4717 / 4073	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
5055 / 4378	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
5099 / 4417	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
5407 / 4689	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
5671 / 4924	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
6761 / 5912	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
6848 / 5992	DEF AT ash	DEF AT
6849 / 5993	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
6893 / 6034	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7729 / 6832	DEF AT pyrite	DEF AT
7875 / 6976	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 20-FEB-1972	First Sample Examined: 2980
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12440
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12440
API Well Number: 427040006700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 2980 - 12420	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2980 /	DEF AT first sample examined	DEF AT 2
2981 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3439 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
3440 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4190 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4880 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5330 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5910 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6689 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
6782 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
6907 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7712 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7961 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8055 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8209 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
8310 /	DEF AT cement	DEF AT
8724 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	POS AT 4
8819 /	DEF AT local marker foram increase	DEF AT 4
9941 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10596 /	DEF AT pyrite	DEF AT 4
10627 /	DEF AT ash	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 20-FEB-1972	First Sample Examined: 2980
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12440
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12440
API Well Number: 427040006700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 2980 - 12420	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11041 /	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
11729 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12259 /	DEF AT deepwater facies Pontchartrain	DEF AT 5
12341 /	DEF IN deepwater facies Pontchartrain	DEF AT 6
12420 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 05-JUN-1970	First Sample Examined: 3130
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8619
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8619
API Well Number: 427043001500	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3130 - 8650	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
3130 / 3130	DEF AT first sample examined	DEF IN 2
3131 / 3131	POS IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 2
3520 / 3520	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4000 / 4000	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
4090 / 4090	DEF AT pyrite	DEF AT 2
4480 / 4480	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4930 / 4930	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
4931 / 4931	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5080 / 5079	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5650 / 5635	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5980 / 5945	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6210 / 6146	DEF AT pyrite	DEF AT 2
7560 / 7197	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
7920 / 7471	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8520 / 7933	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
8550 / 7957	DEF AT foram flood	DEF AT 2
8650 / 8035	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 14-JUN-1970	First Sample Examined: 8400
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8619
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8619
API Well Number: 427043001500	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 8400 - 11190	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 7840	DEF AT first sample examined	DEF AT
8401 / 7841	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
8490 / 7910	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9150 / 8428	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
11190 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 16-JUL-1970	First Sample Examined: 3030
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10002
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 10002
API Well Number: 427043001900	Drilling Operator: TEXACO INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 3030 - 9960	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 /	DEF AT first sample examined	DEF AT
3031 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
3090 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
3150 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
3390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3750 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
4000 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4270 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4930 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5050 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5080 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5200 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5590 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
5770 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6160 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7480 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
7600 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
7780 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
7840 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7930 /	DEF AT Eggerella sp. (local marker)	DEF AT
7990 /	DEF AT local marker planktic foram increase	DEF AT
8140 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

<p>Area Block: BA 541 Lease Number: G01733 Well Name: 004 API Well Number: 427043001900 Paleo Report Num: 1 of 1 Public Info Code: Y 24-APR-1978</p>	<p>Date of Summary: 16-JUL-1970 Source of Paleo: MINERALS MANAGEMENT SERVICE Paleo Done By: LEE LATTA Drilling Operator: TEXACO INC Sample Range: 3030 - 9960 Ecozone Eq MMS:</p>	<p>First Sample Examined: 3030 Borehole MD: 10002 Borehole TVD: 10002 Rkb Elevation: 50 Water Depth: 116 Paleo ID: 001</p>
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<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
9420 /	DEF AT Bathysiphon fauna	DEF AT
9960 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 23-OCT-1969	First Sample Examined: 849
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14495
Well Name: A002	Paleo Done By: WING GEE	Borehole TVD: 14495
API Well Number: 427043000400	Drilling Operator: TEXACO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 849 - 14495	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
849 /	DEF AT first sample examined	DEF AT 1
850 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1439 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
1965 /	DEF AT pyrite	DEF AT 1
1966 /	DEF AT miliolid limestone	DEF AT 1
2596 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2720 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2751 /	DEF AT local marker foram decrease	DEF IN 2
3143 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
3174 /	DEF AT local marker foram decrease	DEF AT 2
3297 /	DEF AT local marker foram increase	DEF AT 2
3308 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 2
3419 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
3478 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 2
3759 /	DEF AT pyrite	DEF IN 2
3760 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
3946 /	DEF AT local marker foram decrease	DEF AT 2
4101 /	DEF AT pyrite	DEF AT 2
4193 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4343 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4975 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5161 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 23-OCT-1969	First Sample Examined: 849
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14495
Well Name: A002	Paleo Done By: WING GEE	Borehole TVD: 14495
API Well Number: 427043000400	Drilling Operator: TEXACO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 849 - 14495	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5223 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5316 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5471 /	DEF AT limestone	DEF AT 2
5990 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6200 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6350 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 2
7490 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
7943 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
8245 /	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF IN 2
8461 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
8562 /	DEF AT limestone	DEF IN 2
9371 /	DEF AT - - - - -	DEF AT 2
9750 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
10230 /	DEF AT local marker foram increase	DEF AT 3
10568 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10822 /	DEF AT - - - - -	DEF IN 2
10886 /	DEF AT limestone	DEF IN 2
11641 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11857 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11919 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
12070 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
12292 /	DEF AT local marker foram decrease	DEF AT 2
12935 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
13348 /	DEF AT - - - - -	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 23-OCT-1969	First Sample Examined: 849
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14495
Well Name: A002	Paleo Done By: WING GEE	Borehole TVD: 14495
API Well Number: 427043000400	Drilling Operator: TEXACO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 849 - 14495	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13818 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13880 /	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 3
14384 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
14477 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
14495 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 541	Date of Summary: 24-FEB-1972	First Sample Examined: 8320
Lease Number: G01733	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10735
Well Name: A005	Paleo Done By: LEE LATTA	Borehole TVD: 10143
API Well Number: 427043003700	Drilling Operator: TEXACO INC	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 8320 - 10735	Water Depth: 116
Public Info Code: Y 24-APR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8320 / 7858	DEF AT first sample examined	DEF AT 3
8321 / 7859	DEF IN Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
8470 / 8001	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8500 / 8029	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
10720 / 10131	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10735 / 10145	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 542	Date of Summary: 14-OCT-1981	First Sample Examined: 8950
Lease Number: G03222	Source of Paleo: OPERATOR	Borehole MD: 17145
Well Name: 003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 17139
API Well Number: 427044004100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 8950 - 14990	Water Depth: 122
Public Info Code: Y 07-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
8950 / 8949	DEF AT first sample examined	DEF AT 2
8951 / 8950	DEF IN Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
9100 / 9099	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9370 / 9369	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11650 / 11645	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12050 / 12045	POS AT -----	DEF AT 2
12170 / 12165	DEF AT -----	DEF AT 2
12350 / 12345	DEF AT -----	DEF AT 1
12680 / 12675	DEF AT -----	DEF AT 2
13610 / 13605	DEF AT -----	DEF AT 1
13700 / 13695	DEF AT -----	DEF AT 2
13910 / 13905	DEF AT -----	DEF AT 1
14030 / 14025	DEF AT -----	DEF AT 2
14060 / 14055	DEF AT -----	DEF AT 1
14990 / 14985	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 542	Date of Summary: 05-DEC-1981	First Sample Examined: 13250
Lease Number: G03222	Source of Paleo: OPERATOR	Borehole MD: 17145
Well Name: 003	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 17139
API Well Number: 427044004100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 13250 - 17140	Water Depth: 122
Public Info Code: Y 07-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13250 / 13245	DEF AT first sample examined	DEF AT 1
13400 / 13395	DEF AT -----	DEF AT 2
14090 / 14085	DEF AT -----	DEF AT 1
14270 / 14265	POS AT -----	DEF AT 2
14420 / 14415	DEF AT -----	DEF AT 1
15140 / 15134	DEF AT -----	DEF AT 2
15500 / 15494	DEF AT -----	DEF AT 1
15620 / 15614	DEF AT -----	DEF AT 2
15800 / 15794	DEF AT -----	DEF AT 1
15860 / 15854	DEF AT -----	DEF AT 2
15890 / 15884	DEF AT -----	DEF AT 1
16160 / 16154	POS AT -----	DEF AT 2
16220 / 16214	DEF AT -----	DEF AT 2
16310 / 16304	DEF AT -----	DEF AT 1
16670 / 16664	POS AT -----	DEF AT 2
16760 / 16754	DEF AT -----	DEF AT 2
16790 / 16784	DEF AT -----	DEF AT 1
17030 / 17024	POS AT -----	DEF AT 3
17090 / 17084	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
17140 / 17134	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 543	Date of Summary: 19-JUL-1972	First Sample Examined: 0
Lease Number: G01735	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9703
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9703
API Well Number: 427044000700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4543 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6469 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 544	Date of Summary: 30-MAY-1972	First Sample Examined: 3156
Lease Number: G01736	Source of Paleo: OPERATOR	Borehole MD: 11746
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11746
API Well Number: 427044000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 3156 - 11746	Water Depth: 120
Public Info Code: Y 23-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3156 /	DEF AT first sample examined	DEF AT
3157 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4050 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6030 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11746 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 550	Date of Summary: 19-NOV-1985	First Sample Examined: 6000
Lease Number: G06080	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17587
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17587
API Well Number: 427044014200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 6000 - 17585	Water Depth: 84
Public Info Code: Y 13-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 3
6001 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6270 /	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
7540 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8140 /	DEF AT foram flood	DEF IN 4
10330 /	DEF AT local marker foram increase	DEF IN 4
13600 /	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14499 /	DEF AT local marker planktic foram increase	DEF IN 4
14500 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 4
14560 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 4
15070 /	DEF AT downdip deepwater facies	DEF AT 6
16000 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 6
16240 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 6
16570 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
17170 /	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
17585 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 581	Date of Summary: 25-SEP-1969	First Sample Examined: 800
Lease Number: G01741	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9162
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9162
API Well Number: 427043001400	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 800 - 9162	Water Depth: 110
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
800 /	DEF AT first sample examined	DEF AT
801 /	DEF AT pyrite	DEF AT
802 /	DEF AT shell fragments	DEF AT
980 /	DEF AT local marker foram increase	DEF AT
1340 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2460 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
2820 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT
3380 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3590 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3890 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
4610 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
4640 /	DEF AT reworked material	DEF AT
5120 /	DEF AT sample gap top	DEF AT
8389 /	DEF AT sample gap bottom	DEF AT
8390 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
9080 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9110 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
9162 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA 613	Date of Summary: 16-JUL-1969	First Sample Examined: 3050
Lease Number: G01746	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10880
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10880
API Well Number: 427040006200	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3050 - 10870	Water Depth: 126
Public Info Code: Y 28-JUN-1971	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 /	DEF AT first sample examined	DEF AT
3051 /	DEF AT cement	DEF AT
3170 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3260 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3320 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
3650 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
4160 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
4340 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5060 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
5270 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
7150 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7960 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8634 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8664 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8754 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
8844 /	DEF AT local marker foram increase	DEF AT
8934 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
9384 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
10060 /	DEF AT Eggerella sp. (local marker)	DEF AT
10450 /	DEF AT local marker planktic foram increase	DEF AT
10870 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 1	Date of Summary: 15-JUL-1980	First Sample Examined: 0
Lease Number: G01723	Source of Paleo: OPERATOR	Borehole MD: 9106
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9106
API Well Number: 427043003900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 111
Public Info Code: Y 30-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5900 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6700 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 1	Date of Summary: 29-AUG-1983	First Sample Examined: 3030
Lease Number: G01723	Source of Paleo: OPERATOR	Borehole MD: 11505
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11501
API Well Number: 427044011100	Drilling Operator: SAMEDAN OFFSHORE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3030 - 11500	Water Depth: 115
Public Info Code: Y 30-OCT-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF IN 3
3031 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
3540 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
4080 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
4330 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
4580 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
4880 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
5090 /	DEF AT sample gap top	POS IN 3
5180 /	DEF AT sample gap bottom	DEF IN 3
5420 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
5840 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
7400 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
8060 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
9040 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9160 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 3	Date of Summary: 14-DEC-1982	First Sample Examined: 4710
Lease Number: G04714	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16973
API Well Number: 427044009800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4710 - 17000	Water Depth: 122
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4710 /	DEF AT first sample examined	DEF AT 3
4711 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5370 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5880 /	DEF AT local marker benthic foram increase	DEF AT 3
6390 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6720 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7320 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8730 /	DEF AT poor sample interval top	POS AT 4
9480 /	DEF AT poor sample interval bottom	DEF AT 4
9510 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10250 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
12590 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
12800 /	DEF AT - - - - -	DEF AT 4
13760 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
14990 /	DEF AT - - - - -	DEF AT 4
16220 /	DEF AT sample gap top	POS AT 4
16430 /	DEF AT sample gap bottom	DEF AT 5
16819 /	DEF AT Eggerella sp. (local marker)	DEF AT 6
16820 /	DEF AT local marker deep water fauna	DEF AT 6
17000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 6	Date of Summary: 26-MAR-1981	First Sample Examined: 8000
Lease Number: G03224	Source of Paleo: OPERATOR	Borehole MD: 17775
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17107
API Well Number: 427044004200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 8000 - 17775	Water Depth: 122
Public Info Code: Y 13-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF AT
9130 / 9129	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12320 / 12234	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
17748 / 17581	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
17775 / 17608	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 6	Date of Summary: 11-SEP-1981	First Sample Examined: 9000
Lease Number: G03224	Source of Paleo: OPERATOR	Borehole MD: 15865
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 15865
API Well Number: 427044006100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 9000 - 12690	Water Depth: 124
Public Info Code: Y 13-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF AT 1
9001 /	DEF IN Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 1
9060 /	DEF AT - - - - -	DEF AT 2
9300 /	POS AT unconformity	DEF AT 2
9360 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9450 /	DEF AT - - - - -	DEF AT 1
9570 /	DEF AT - - - - -	DEF AT 2
9630 /	DEF AT - - - - -	DEF AT 1
9720 /	DEF AT - - - - -	DEF AT 2
11910 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12030 /	DEF AT - - - - -	DEF AT 3
12450 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12690 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 6	Date of Summary: 11-FEB-1982	First Sample Examined: 12440
Lease Number: G03224	Source of Paleo: OPERATOR	Borehole MD: 15865
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 15865
API Well Number: 427044006100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 12440 - 15830	Water Depth: 124
Public Info Code: Y 13-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
12440 /	DEF AT first sample examined	DEF AT 3
12441 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13280 /	DEF AT -----	DEF AT 2
13460 /	DEF AT -----	DEF AT 1
13640 /	DEF AT -----	DEF AT 2
13760 /	POS AT -----	DEF AT 3
14060 /	DEF AT -----	DEF AT 3
14270 /	POS AT -----	DEF AT 2
14420 /	DEF AT -----	DEF AT 2
14660 /	DEF AT -----	DEF AT 1
14690 /	DEF AT -----	DEF AT 2
14780 /	DEF AT -----	DEF AT 1
14990 /	DEF AT -----	DEF AT 2
15410 /	DEF AT -----	DEF AT 1
15800 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 7	Date of Summary: 15-FEB-1972	First Sample Examined: 3590
Lease Number: G01734	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 427044000200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3590 - 14500	Water Depth: 120
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3590 /	DEF AT first sample examined	DEF AT
3591 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4390 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6420 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
14500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 20	Date of Summary: 01-MAY-1978	First Sample Examined: 4150
Lease Number: G03472	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12647
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 12647
API Well Number: 427044001500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4150 - 12647	Water Depth: 120
Public Info Code: Y 06-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 4150	DEF AT first sample examined	DEF AT 2
4750 / 4750	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5260 / 5260	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6580 / 6580	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8260 / 8260	DEF AT pyrite	DEF AT 2
8530 / 8530	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9430 / 9430	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
11080 / 11080	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
12646 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
12647 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 20	Date of Summary: 05-JAN-1979	First Sample Examined: 7000
Lease Number: G03472	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17500
Well Name: JA001	Paleo Done By: LEE LATTA	Borehole TVD: 17483
API Well Number: 427044001700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 7000 - 17440	Water Depth: 131
Public Info Code: Y 12-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	POS AT 2
7001 / 7001	DEF IN Upper Miocene (Tortonian) Robulus 15	POS AT 2
7750 / 7750	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	POS AT 2
8980 / 8978	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
9070 / 9068	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9610 / 9607	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9850 / 9846	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
9970 / 9966	DEF AT local marker foram increase	DEF AT 3
11610 / 11605	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
12883 / 12877	POS AT Cyclammina cancellata (local marker)	DEF AT 4
13649 / 13643	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
15140 / 15134	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
17440 / 17424	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 21	Date of Summary: 05-MAR-1980	First Sample Examined: 6000
Lease Number: G03473	Source of Paleo: OPERATOR	Borehole MD: 12620
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12620
API Well Number: 427044002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 3	Sample Range: 6000 - 9870	Water Depth: 121
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT
6180 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8130 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9360 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9870 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 21	Date of Summary: 05-MAR-1980	First Sample Examined: 9670
Lease Number: G03473	Source of Paleo: OPERATOR	Borehole MD: 12620
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12620
API Well Number: 427044002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 2 of 3	Sample Range: 9670 - 10930	Water Depth: 121
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Bypass 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9670 /	DEF AT first sample examined	DEF AT
10930 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 21	Date of Summary: 05-MAR-1980	First Sample Examined: 11615
Lease Number: G03473	Source of Paleo: OPERATOR	Borehole MD: 12620
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12620
API Well Number: 427044002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 3 of 3	Sample Range: 11615 - 12620	Water Depth: 121
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 004

Remark: Bypass 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11615 /	DEF AT first sample examined	DEF AT
12260 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12620 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 22	Date of Summary: 07-MAY-1969	First Sample Examined: 0
Lease Number: G01744	Source of Paleo: OPERATOR	Borehole MD: 10343
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10343
API Well Number: 427043001700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 125
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10333 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 23	Date of Summary: 20-NOV-1989	First Sample Examined: 4680
Lease Number: G03938	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14908
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14879
API Well Number: 427044002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4680 - 14907	Water Depth: 134
Public Info Code: Y 05-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 4680	DEF AT first sample examined	POS AT 3
4681 / 4681	DEF AT cement	POS AT 3
6030 / 6030	POS AT Upper Miocene (Tortonian) Discorbis 12	POS AT 3
6480 / 6480	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6750 / 6750	DEF AT local marker planktic foram increase	DEF AT 3
6960 / 6960	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
7110 / 7110	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7170 / 7170	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
8210 / 8210	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
8240 / 8240	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
8720 / 8720	DEF AT sample gap top	POS AT 3
8809 / 8809	DEF AT sample gap bottom	DEF AT 3
8810 / 8810	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
9320 / 9320	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10070 / 10070	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10071 / 10071	DEF AT local marker foram increase	DEF AT 3
10160 / 10159	DEF AT local marker foram increase	DEF AT 3
10161 / 10160	DEF AT gray shale	DEF AT 3
10340 / 10339	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10800 / 10799	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
10890 / 10889	DEF AT local marker foram increase	DEF AT 3
11130 / 11129	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 23	Date of Summary: 20-NOV-1989	First Sample Examined: 4680
Lease Number: G03938	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14908
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14879
API Well Number: 427044002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4680 - 14907	Water Depth: 134
Public Info Code: Y 05-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12960 / 12951	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
13600 / 13582	DEF AT gray shale	DEF AT 3
14020 / 13997	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
14380 / 14355	DEF AT drilling material	POS AT 3
14880 / 14851	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14907 / 14878	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 24	Date of Summary: 06-DEC-1980	First Sample Examined: 15330
Lease Number: G03939	Source of Paleo: OPERATOR	Borehole MD: 15771
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15748
API Well Number: 427044012000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 15330 - 15769	Water Depth: 134
Public Info Code: Y 21-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15330 / 15307	DEF AT first sample examined	DEF AT
15724 / 15701	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
15769 / 15746	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 24	Date of Summary: 09-JAN-1985	First Sample Examined: 15261
Lease Number: G03939	Source of Paleo: OPERATOR	Borehole MD: 15718
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15173
API Well Number: 427044012400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 15261 - 15718	Water Depth: 130
Public Info Code: Y 21-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15261 / 14772	DEF AT first sample examined	DEF AT
15651 / 15114	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
15718 / 15173	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 34	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04718	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10455
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10455
API Well Number: 427044009600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4270 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
4300 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
4810 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5590 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6070 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6400 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6730 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
7600 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8460 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9790 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9970 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 40	Date of Summary: 17-AUG-1984	First Sample Examined: 9900
Lease Number: G04560	Source of Paleo: OPERATOR	Borehole MD: 17456
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16954
API Well Number: 427044011900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 3	Sample Range: 9900 - 16270	Water Depth: 130
Public Info Code: Y 28-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9713	DEF AT first sample examined	DEF AT 3
9901 / 9714	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12690 / 12398	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12720 / 12427	DEF AT - - - - -	DEF AT 4
13350 / 13031	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
16270 / 15818	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 40	Date of Summary: 17-AUG-1984	First Sample Examined: 16020
Lease Number: G04560	Source of Paleo: OPERATOR	Borehole MD: 17456
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16954
API Well Number: 427044011900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 3	Sample Range: 16020 - 16530	Water Depth: 130
Public Info Code: Y 28-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16020 / 15577	DEF AT first sample examined	DEF AT 4
16530 / 16069	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 40	Date of Summary: 17-AUG-1984	First Sample Examined: 16540
Lease Number: G04560	Source of Paleo: OPERATOR	Borehole MD: 17456
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16954
API Well Number: 427044011900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 3 of 3	Sample Range: 16540 - 17456	Water Depth: 130
Public Info Code: Y 28-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16540 / 16078	DEF AT first sample examined	DEF AT 4
17456 / 16954	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 41	Date of Summary: 29-DEC-1981	First Sample Examined: 4500
Lease Number: G04561	Source of Paleo: OPERATOR	Borehole MD: 15027
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15027
API Well Number: 427044007200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 4500 - 14990	Water Depth: 128
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF IN 3
5400 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
6130 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
7670 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF IN 3
8150 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
11330 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
14990 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 41	Date of Summary: 14-JUN-1988	First Sample Examined: 4500
Lease Number: G04561	Source of Paleo: OPERATOR	Borehole MD: 15027
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15027
API Well Number: 427044007200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 4500 - 14990	Water Depth: 128
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	POS AT 1
5300 /	DEF AT - - - - -	DEF AT 1
5400 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6070 /	DEF AT - - - - -	DEF AT 2
6130 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6600 /	DEF AT - - - - -	DEF AT 1
7130 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 1
7640 /	DEF AT - - - - -	DEF AT 2
8120 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8540 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
9740 /	DEF AT - - - - -	DEF AT 1
10250 /	DEF AT - - - - -	DEF AT 2
11330 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12080 /	DEF AT - - - - -	DEF AT 1
12320 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
14990 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 43	Date of Summary: 30-MAY-1972	First Sample Examined: 2760
Lease Number: G01745	Source of Paleo: OPERATOR	Borehole MD: 8896
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8896
API Well Number: 427044015900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2760 - 8896	Water Depth: 134
Public Info Code: Y 20-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2760 /	DEF AT first sample examined	DEF AT
2761 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3360 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5120 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8896 /	POS AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 46	Date of Summary: 08-JAN-1971	First Sample Examined: 900
Lease Number: G01747	Source of Paleo: OPERATOR	Borehole MD: 9771
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9769
API Well Number: 427053000600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 900 - 9770	Water Depth: 138
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF AT
960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
1680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2100 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
2430 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2790 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3090 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
3180 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3720 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
4560 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7430 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8660 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9725 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9770 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 47	Date of Summary: 17-MAR-1975	First Sample Examined: 0
Lease Number: G01748	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14138
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14138
API Well Number: 427050000400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 20-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by log correlation

MD / TVD	Paleo Top Description	Ecozone
3090 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3930 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4700 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6010 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7180 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9830 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13560 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 47	Date of Summary: 14-APR-1969	First Sample Examined: 3050
Lease Number: G01748	Source of Paleo: OPERATOR	Borehole MD: 11620
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11620
API Well Number: 427053000100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3050 - 11620	Water Depth: 150
Public Info Code: Y 20-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 /	DEF AT first sample examined	DEF AT
3051 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3900 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4640 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5660 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6770 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9150 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
11530 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11620 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 47	Date of Summary: 18-JAN-1972	First Sample Examined: 160
Lease Number: G01748	Source of Paleo: OPERATOR	Borehole MD: 12005
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427054000700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 160 - 11975	Water Depth: 140
Public Info Code: Y 20-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
160 /	DEF AT first sample examined	DEF AT
2970 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3930 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5390 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11975 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 48	Date of Summary: 11-OCT-1979	First Sample Examined: 4210
Lease Number: G03941	Source of Paleo: OPERATOR	Borehole MD: 15716
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15696
API Well Number: 427054005900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 4210 - 15605	Water Depth: 151
Public Info Code: Y 21-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4210 / 4210	DEF AT first sample examined	DEF AT
4520 / 4520	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6600 / 6600	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8320 / 8320	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11730 / 11730	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
15605 / 15605	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 53	Date of Summary: 01-JUL-1978	First Sample Examined: 890
Lease Number: G02662	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12504
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12504
API Well Number: 427054004600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 890 - 12504	Water Depth: 165
Public Info Code: Y 03-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
890 /	DEF AT first sample examined	POS AT 2
980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1100 /	DEF AT sample gap top	POS AT 2
2269 /	DEF AT sample gap bottom	DEF AT 3
2270 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2360 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2540 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
2720 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
3400 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3610 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3910 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4360 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4450 /	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 3
5050 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
5230 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6190 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
6220 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 4
6580 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
6730 /	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT 4
8020 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
8590 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 53	Date of Summary: 01-JUL-1978	First Sample Examined: 890
Lease Number: G02662	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12504
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12504
API Well Number: 427054004600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 890 - 12504	Water Depth: 165
Public Info Code: Y 03-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8980 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9340 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
10300 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10930 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12130 /	DEF AT deepwater facies Planulina	DEF AT 5
12504 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 69	Date of Summary: 10-JUN-1980	First Sample Examined: 300
Lease Number: G04066	Source of Paleo: OPERATOR	Borehole MD: 18410
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18410
API Well Number: 427054006600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 300 - 14790	Water Depth: 162
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
900 / 900	DEF AT sample gap top	POS AT 1
2519 / 2519	DEF AT sample gap bottom	DEF AT 2
2520 / 2520	POS AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 2
3120 / 3120	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 2
3420 / 3420	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
3660 / 3660	DEF AT - - - -	DEF AT 1
3840 / 3840	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
4140 / 4140	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
4320 / 4320	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
4500 / 4500	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4830 / 4830	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
5130 / 5130	POS IN Upper Miocene (Tortonian) Amphistegina "E"	DEF IN 1
5490 / 5490	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6210 / 6210	POS AT deepwater facies Listerella fauna	DEF AT 2
7020 / 7020	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7440 / 7440	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8400 / 8400	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
10500 / 10499	POS AT deepwater facies Cyclammina	DEF AT 2
11430 / 11429	DEF AT sample gap top	POS AT 2
11910 / 11909	DEF AT sample gap bottom	DEF AT 1
12000 / 11999	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 69	Date of Summary: 10-JUN-1980	First Sample Examined: 300
Lease Number: G04066	Source of Paleo: OPERATOR	Borehole MD: 18410
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18410
API Well Number: 427054006600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 300 - 14790	Water Depth: 162
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12870 / 12869	DEF AT - - - - -	DEF AT 2
12930 / 12929	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
13500 / 13498	DEF AT - - - - -	DEF AT 1
13530 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
13920 /	DEF AT - - - - -	DEF AT 2
14790 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 69	Date of Summary: 10-OCT-1980	First Sample Examined: 13700
Lease Number: G04066	Source of Paleo: OPERATOR	Borehole MD: 18410
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18410
API Well Number: 427054006600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 13700 - 18410	Water Depth: 162
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13700 /	DEF AT first sample examined	DEF IN 1
17000 /	DEF AT - - - - -	DEF AT 2
17630 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
18410 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 70	Date of Summary: 06-NOV-1978	First Sample Examined: 0
Lease Number: G02663	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11925
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11920
API Well Number: 427054002200	Drilling Operator: OXY USA INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 20-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
860 / 860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
1340 / 1340	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
1880 / 1880	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2170 / 2170	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3230 / 3230	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4310 / 4310	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4660 / 4660	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6100 / 6099	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7300 / 7299	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7600 / 7599	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8590 / 8589	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
8900 / 8899	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9870 / 9869	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 70	Date of Summary: 18-MAY-1976	First Sample Examined: 500
Lease Number: G02663	Source of Paleo: OPERATOR	Borehole MD: 12062
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11138
API Well Number: 427054002600	Drilling Operator: OXY USA INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 500 - 12057	Water Depth: 155
Public Info Code: Y 25-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT first sample examined	DEF AT 2
860 / 860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1010 / 1010	DEF AT cement	DEF AT 3
1310 / 1310	DEF AT faunal change (no faunal increase)	DEF AT 3
1340 / 1340	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
1640 / 1639	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1880 / 1875	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2330 / 2303	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2570 / 2523	DEF AT faunal change (no faunal increase)	DEF AT 4
2990 / 2904	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
2991 / 2905	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4010 / 3819	DEF AT faunal change (no faunal increase)	DEF AT 3
4310 / 4082	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5120 / 4811	DEF AT sample gap top	POS AT 3
5539 / 5196	DEF AT sample gap bottom	DEF AT 3
5540 / 5197	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5990 / 5612	DEF AT local marker foram increase	DEF AT 4
6110 / 5722	DEF AT faunal change (no faunal increase)	DEF AT 3
6260 / 5861	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6530 / 6111	DEF AT local marker foram increase	DEF AT 4
6710 / 6277	DEF AT faunal change (no faunal increase)	DEF AT 3
7430 / 6938	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 70	Date of Summary: 18-MAY-1976	First Sample Examined: 500
Lease Number: G02663	Source of Paleo: OPERATOR	Borehole MD: 12062
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11138
API Well Number: 427054002600	Drilling Operator: OXY USA INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 500 - 12057	Water Depth: 155
Public Info Code: Y 25-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7464	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
8360 / 7793	DEF AT faunal change (no faunal increase)	DEF AT 4
9110 / 8467	DEF AT faunal change (no faunal increase)	DEF AT 5
9350 / 8685	DEF AT faunal change (no faunal increase)	DEF AT 4
9500 / 8822	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9950 / 9237	DEF AT faunal change (no faunal increase)	DEF AT 4
9980 / 9265	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11270 / 10430	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
12057 / 11134	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 70	Date of Summary: 26-APR-1999	First Sample Examined: 0
Lease Number: G02663	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11724
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10894
API Well Number: 427054003400	Drilling Operator: OXY USA INC	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 15-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1810 / 1797	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3040 / 2927	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4130 / 3912	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4940 / 4624	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6050 / 5633	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7940 / 7416	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9770 / 9133	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 71	Date of Summary: 21-AUG-1969	First Sample Examined: 2700
Lease Number: G01750	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9795
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9795
API Well Number: 427053000200	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2700 - 9795	Water Depth: 145
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2700 /	DEF AT first sample examined	DEF AT 2
2701 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2702 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2910 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
3110 /	DEF AT cement	DEF AT 2
3260 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3529 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
3530 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
3740 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
4230 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
4590 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
4700 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
4920 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
5220 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
5370 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
7320 /	DEF AT local marker foram increase	DEF AT 3
7770 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7785 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9585 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
9615 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9795 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 71	Date of Summary: 22-JAN-1970	First Sample Examined: 955
Lease Number: G01750	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10818
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10818
API Well Number: 427050000300	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 955 - 10818	Water Depth: 148
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
955 /	DEF AT first sample examined	DEF AT 2
956 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1405 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1735 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2065 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2155 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2215 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2425 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
2605 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
2695 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 2
3050 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3230 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3830 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4460 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4520 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
5810 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5870 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6710 /	DEF AT ash	DEF AT 2
7490 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
7640 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
7760 /	POS AT Arenaceous fauna (local marker)	DEF AT 2
7940 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 71	Date of Summary: 22-JAN-1970	First Sample Examined: 955
Lease Number: G01750	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10818
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10818
API Well Number: 427050000300	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 955 - 10818	Water Depth: 148
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8780 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9320 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9440 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10519 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10520 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10818 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 73	Date of Summary: 13-JUL-1983	First Sample Examined: 0
Lease Number: G05175	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6094
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5684
API Well Number: 427054007900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 / 2400	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
4368 / 4196	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5490 / 5156	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 73	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G05175	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7575
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6569
API Well Number: 427054008100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 146
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 / 2749	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5046 / 4712	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6608 / 5855	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 74	Date of Summary: 02-MAY-1985	First Sample Examined: 0
Lease Number: G05176	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5824
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5824
API Well Number: 427054010100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 161
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2460 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 75	Date of Summary: 17-JAN-1971	First Sample Examined: 860
Lease Number: G01751	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9499
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9499
API Well Number: 427053000400	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 860 - 9497	Water Depth: 160
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
860 /	DEF AT first sample examined	DEF AT 2
861 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1100 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1470 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1770 /	DEF AT local marker planktic foram increase	DEF AT 2
2190 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2370 /	DEF AT cement	DEF AT 2
2730 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
2760 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3470 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3830 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4190 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4250 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
4760 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5300 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
5410 /	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5810 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6730 /	DEF AT ash	DEF AT 2
8170 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
8660 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
8959 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
8960 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 75	Date of Summary: 17-JAN-1971	First Sample Examined: 860
Lease Number: G01751	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9499
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9499
API Well Number: 427053000400	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 860 - 9497	Water Depth: 160
Public Info Code: Y 26-DEC-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9497 /	DEF AT last sample examined	DEF AT 2

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End Date: 31-DEC-1987

Area Block: BA A 77	Date of Summary: 29-JUN-1979	First Sample Examined: 0
Lease Number: G03736	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14268
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14258
API Well Number: 427054005800	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5200 / 5200	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6070 / 6070	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8480 / 8478	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12050 / 12047	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14268 / 14258	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 84	Date of Summary: 26-MAY-1972	First Sample Examined: 280
Lease Number: G01753	Source of Paleo: OPERATOR	Borehole MD: 12473
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12473
API Well Number: 427054001300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 280 - 12471	Water Depth: 193
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
280 /	DEF AT first sample examined	DEF AT 1
1410 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2010 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
2520 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
2800 /	DEF AT -----	DEF AT 2
3000 /	DEF AT -----	DEF AT 3
3930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4390 /	DEF AT -----	DEF AT 2
4660 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5100 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5950 /	DEF AT -----	DEF AT 3
6880 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7120 /	DEF AT -----	DEF AT 2
8320 /	DEF AT -----	DEF AT 3
9070 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
10060 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
10660 /	DEF AT local marker benthic foram increase	DEF AT 3
11610 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12471 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 84	Date of Summary: 09-AUG-1972	First Sample Examined: 280
Lease Number: G01753	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12473
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12473
API Well Number: 427054001300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 280 - 12471	Water Depth: 193
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
280 /	DEF AT first sample examined	DEF IN 2
490 /	POS AT Wisconsin fauna (local marker)	DEF AT 3
970 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1680 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
1710 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
1980 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2130 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2760 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
2820 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
2850 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
3000 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
3090 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3600 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
3720 /	POS AT Cyclammia cancellata (local marker)	DEF AT 4
3840 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
3960 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4170 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
4200 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
4480 /	DEF AT local marker foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 84	Date of Summary: 09-AUG-1972	First Sample Examined: 280
Lease Number: G01753	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12473
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12473
API Well Number: 427054001300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 280 - 12471	Water Depth: 193
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4660 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
4780 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
5200 /	POS IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
5320 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
5530 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
5950 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
6100 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6880 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8620 /	DEF AT local marker foram increase	DEF AT 4
8800 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8890 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
9490 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
9880 /	DEF AT local marker foram increase	DEF AT 5
10060 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
10390 /	DEF AT local marker foram increase	DEF AT 5
10660 /	DEF AT local marker (general)	DEF AT 5
10810 /	POS AT deepwater facies Pontchartrain	DEF AT 5
11230 /	DEF AT local marker benthic foram increase	DEF AT 5
11350 /	POS IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
11520 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12450 /	DEF AT local marker foram increase	DEF AT 5
12471 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 100	Date of Summary: 01-JAN-1978	First Sample Examined: 4800
Lease Number: G03226	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15252
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15252
API Well Number: 427054004200	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4800 - 15250	Water Depth: 162
Public Info Code: Y 28-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4800 /	DEF AT first sample examined	DEF IN 2
4801 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
4950 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF IN 2
5040 /	DEF AT local marker foram increase	DEF IN 2
5570 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6110 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6890 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8060 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
8360 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
8840 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
9080 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10130 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
10520 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11280 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12300 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
12720 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
14430 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
14460 /	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
14740 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
15220 /	DEF AT local marker planktic foram increase	DEF AT 4
15250 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 100	Date of Summary: 22-JUL-1980	First Sample Examined: 5924
Lease Number: G03226	Source of Paleo: OPERATOR	Borehole MD: 16778
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16778
API Well Number: 427054006700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 5924 - 16778	Water Depth: 175
Public Info Code: Y 28-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5924 /	DEF AT first sample examined	DEF AT 3
5925 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6614 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6917 /	DEF AT - - - -	DEF AT 4
7462 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8944 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9252 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9759 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12150 /	DEF AT sample gap top	POS AT 4
12234 /	DEF AT sample gap bottom	DEF AT 4
12235 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
13098 /	DEF AT - - - -	DEF AT 4
13522 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
14233 /	DEF AT poor sample interval top	POS AT 5
16723 /	DEF AT poor sample interval bottom	DEF AT 5
16724 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
16725 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
16778 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 102	Date of Summary: 15-JAN-1972	First Sample Examined: 3100
Lease Number: G01754	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 427054001000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3100 - 10990	Water Depth: 180
Public Info Code: Y 03-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 /	DEF AT first sample examined	DEF AT
3101 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5880 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10990 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 102	Date of Summary: 15-FEB-1972	First Sample Examined: 2767
Lease Number: G01754	Source of Paleo: OPERATOR	Borehole MD: 10731
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10731
API Well Number: 427054001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 2767 - 10731	Water Depth: 174
Public Info Code: Y 15-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2767 /	DEF AT first sample examined	DEF AT
2768 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3725 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5940 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10731 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 104	Date of Summary: 28-JUN-1988	First Sample Examined: 5390
Lease Number: G01756	Source of Paleo: OPERATOR	Borehole MD: 10218
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10218
API Well Number: 427054001700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 5390 - 10222	Water Depth: 200
Public Info Code: Y 10-APR-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5390 /	DEF AT first sample examined	DEF AT 2
5660 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6050 /	DEF AT - - - - -	DEF AT 3
7580 /	DEF AT - - - - -	DEF AT 4
7610 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
8020 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8150 /	DEF AT - - - - -	DEF AT 3
8720 /	DEF AT - - - - -	DEF AT 4
10222 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 105	Date of Summary: 13-SEP-1971	First Sample Examined: 880
Lease Number: G01757	Source of Paleo: OPERATOR	Borehole MD: 10606
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10316
API Well Number: 427054000400	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 880 - 10600	Water Depth: 188
Public Info Code: Y 10-AUG-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
880 / 880	DEF AT first sample examined	DEF AT
1330 / 1330	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
3100 / 3100	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4180 / 4180	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4330 / 4330	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4870 / 4870	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5710 / 5709	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7180 / 7179	DEF AT Middle Miocene (Serravallian) Discoaster kugleri (acme)	DEF AT
7250 / 7249	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7330 / 7329	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
8950 / 8917	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
10600 / 10313	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 105	Date of Summary: 17-APR-1972	First Sample Examined: 3360
Lease Number: G01757	Source of Paleo: OPERATOR	Borehole MD: 13429
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13429
API Well Number: 427054000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3360 - 13429	Water Depth: 196
Public Info Code: Y 02-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3360 /	DEF AT first sample examined	DEF AT
3361 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4420 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6760 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13429 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 105	Date of Summary: 01-MAY-1972	First Sample Examined: 3080
Lease Number: G01757	Source of Paleo: OPERATOR	Borehole MD: 10842
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10842
API Well Number: 427054001400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3080 - 10842	Water Depth: 188
Public Info Code: Y 05-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3080 /	DEF AT first sample examined	DEF AT
3081 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4130 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5750 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10842 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 105	Date of Summary: 06-OCT-1976	First Sample Examined: 0
Lease Number: G01757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10489
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10252
API Well Number: 427054003100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 27-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4948 / 4948	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 105	Date of Summary: 06-OCT-1976	First Sample Examined: 0
Lease Number: G01757	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10584
API Well Number: 427054002900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 188
Public Info Code: Y 14-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5125 / 5050	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 106	Date of Summary: 21-DEC-1979	First Sample Examined: 4150
Lease Number: G03942	Source of Paleo: OPERATOR	Borehole MD: 16295
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16295
API Well Number: 427054006000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4150 - 17490	Water Depth: 198
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4150 /	DEF AT first sample examined	DEF AT
4840 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5840 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7010 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
9590 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13480 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
17490 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 128	Date of Summary: 26-SEP-1977	First Sample Examined: 482
Lease Number: G03227	Source of Paleo: OPERATOR	Borehole MD: 17260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17150
API Well Number: 427054003700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 482 - 17260	Water Depth: 209
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
482 / 482	DEF AT first sample examined	DEF IN 2
540 / 540	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1140 / 1140	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1260 / 1260	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
1680 / 1680	DEF AT sample gap top	POS AT 3
1739 / 1739	DEF AT sample gap bottom	DEF AT 3
1740 / 1740	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1860 / 1860	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
2160 / 2160	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2400 / 2400	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
2460 / 2460	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2638 / 2638	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
2639 / 2639	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
2640 / 2640	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2820 / 2820	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3620 / 3620	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
3710 / 3710	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3860 / 3860	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
4250 / 4250	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4520 / 4520	DEF AT - - - -	DEF AT 2
4610 / 4610	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5060 / 5060	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 128	Date of Summary: 26-SEP-1977	First Sample Examined: 482
Lease Number: G03227	Source of Paleo: OPERATOR	Borehole MD: 17260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17150
API Well Number: 427054003700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 482 - 17260	Water Depth: 209
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 5240	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5510 / 5510	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 2
5720 / 5720	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
6200 / 6200	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6710 / 6710	DEF AT - - - - -	DEF AT 3
7040 / 7040	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 3
7460 / 7460	DEF AT - - - - -	DEF AT 2
7670 / 7670	DEF AT - - - - -	DEF AT 3
7820 / 7820	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
8210 / 8210	DEF AT Eggerella sp. (local marker)	DEF AT 3
8840 / 8840	DEF AT local marker benthic foram increase	DEF AT 3
9140 / 9140	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9320 / 9320	POS AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 3
10129 / 10129	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10130 / 10130	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
10340 / 10340	DEF AT deepwater facies Cyclammina	DEF AT 4
10430 / 10430	DEF AT - - - - -	DEF IN 3
10580 / 10580	DEF AT - - - - -	DEF AT 4
10700 / 10700	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
11600 / 11600	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 4
12380 / 12380	DEF AT - - - - -	DEF IN 3
12920 / 12920	DEF AT - - - - -	DEF AT 4
12980 / 12980	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
13520 / 13518	DEF AT - - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 128	Date of Summary: 26-SEP-1977	First Sample Examined: 482
Lease Number: G03227	Source of Paleo: OPERATOR	Borehole MD: 17260
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17150
API Well Number: 427054003700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 482 - 17260	Water Depth: 209
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 / 13988	DEF AT -----	DEF AT 4
14210 / 14191	DEF AT -----	DEF AT 3
14420 / 14394	DEF AT local marker foram increase	DEF AT 4
15020 / 14980	DEF AT -----	DEF AT 3
15080 / 15040	DEF AT -----	DEF AT 4
15350 / 15307	DEF AT -----	DEF AT 3
16010 / 15942	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
16130 / 16058	DEF AT -----	DEF AT 3
16280 / 16202	DEF AT -----	DEF AT 4
16580 / 16492	DEF AT -----	DEF AT 5
16700 / 16608	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
17260 / 17149	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 131	Date of Summary: 10-SEP-1981	First Sample Examined: 500
Lease Number: G04183	Source of Paleo: OPERATOR	Borehole MD: 19289
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19289
API Well Number: 427054007100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 500 - 19270	Water Depth: 206
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF AT 1
740 /	DEF AT sample gap top	POS AT 1
1099 /	DEF AT sample gap bottom	DEF AT 3
1100 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1300 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
1420 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
1840 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2080 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2081 /	DEF AT reefal material	DEF AT 3
2082 /	DEF AT shell fragments	DEF AT 3
2140 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2320 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2620 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
2860 /	DEF AT sample gap top	POS AT 3
2980 /	DEF AT sample gap bottom	DEF AT 2
3040 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3220 /	DEF AT local marker benthic foram increase	DEF AT 2
3580 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3880 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
3940 /	DEF AT - - - -	DEF AT 3
4420 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4510 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 131	Date of Summary: 10-SEP-1981	First Sample Examined: 500
Lease Number: G04183	Source of Paleo: OPERATOR	Borehole MD: 19289
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19289
API Well Number: 427054007100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 500 - 19270	Water Depth: 206
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
4660 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5290 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5291 /	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
5530 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5800 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6460 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6940 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 2
7030 /	DEF AT local marker planktic foram increase	DEF AT 2
7420 /	DEF AT sample gap top	POS AT 2
7479 /	DEF AT sample gap bottom	DEF AT 2
7480 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9250 /	DEF AT - - - - -	DEF AT 3
9310 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9670 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12250 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12970 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 3
13090 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13810 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
14020 /	DEF AT - - - - -	DEF AT 4
14050 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14080 /	DEF AT sandstone	DEF AT 3
14830 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
14980 /	DEF AT poor sample interval top	DEF AT 3
16270 /	POS AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 131	Date of Summary: 10-SEP-1981	First Sample Examined: 500
Lease Number: G04183	Source of Paleo: OPERATOR	Borehole MD: 19289
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19289
API Well Number: 427054007100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 500 - 19270	Water Depth: 206
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
16780 /	DEF AT poor sample interval bottom	POS AT 3
16900 /	DEF AT poor sample interval top	POS AT 3
16990 /	DEF AT sample gap top	DEF AT 3
17200 /	DEF AT sample gap bottom	POS AT 3
18760 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
19269 /	DEF AT poor sample interval bottom	DEF AT 3
19270 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 133	Date of Summary: 01-JUL-1979	First Sample Examined: 570
Lease Number: G02665	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11041
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9464
API Well Number: 427054002400	Drilling Operator: OXY USA INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 570 - 11040	Water Depth: 200
Public Info Code: Y 30-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
570 / 570	DEF AT first sample examined	DEF AT 3
840 / 840	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1180 / 1180	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
1510 / 1510	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1570 / 1570	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
1839 / 1839	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1840 / 1840	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2200 / 2200	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
2350 / 2349	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3010 / 3009	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3100 / 3099	DEF AT cement	POS AT 3
3190 / 3189	DEF AT - - - -	DEF AT 2
3550 / 3549	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
3760 / 3759	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3880 / 3879	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4060 / 4059	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4120 / 4119	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4600 / 4599	DEF AT pyrite	DEF AT 2
4780 / 4779	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5160 / 5159	DEF AT ash	DEF AT 2
5310 / 5309	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5430 / 5429	DEF AT ash	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 133	Date of Summary: 01-JUL-1979	First Sample Examined: 570
Lease Number: G02665	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11041
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9464
API Well Number: 427054002400	Drilling Operator: OXY USA INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 570 - 11040	Water Depth: 200
Public Info Code: Y 30-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5699	DEF AT local marker planktic foram increase	DEF AT 2
6270 / 6269	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7380 / 7378	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
7860 / 7858	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8370 / 8368	DEF AT cement	DEF AT 3
9000 / 8998	DEF AT ash	DEF AT 3
11040 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BA A 133	Date of Summary: 07-AUG-1990	First Sample Examined: 0
Lease Number: G02665	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10837
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10208
API Well Number: 427054003300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 203
Public Info Code: Y 09-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6105 / 5767	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8655 / 8174	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: BS 40	Date of Summary: 08-JAN-1982	First Sample Examined: 0
Lease Number: G04488	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11194
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11194
API Well Number: 177264001500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 11-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4920 / 4919	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6030 / 6029	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7830 / 7828	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8760 / 8758	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
10980 / 10978	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CA 24	Date of Summary: 10-APR-1980	First Sample Examined: 1000
Lease Number: G03201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13530
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12559
API Well Number: 177284000100	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12780	Water Depth: 65
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	POS AT 1
1001 / 1001	DEF AT pyrite	POS AT 1
1210 / 1210	DEF AT Arenaceous fauna (local marker)	DEF AT 1
1628 / 1628	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2894 / 2894	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3104 / 3104	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3188 / 3188	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
3956 / 3956	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 3
4144 / 4144	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
4186 / 4186	DEF AT glauconite	DEF AT 3
4438 / 4438	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5535 / 5535	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5842 / 5842	DEF AT Eggerella 3 (local marker)	DEF AT 3
5886 / 5886	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
6940 / 6923	DEF AT Eggerella sp. (local marker)	DEF AT 4
7000 / 6981	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
7150 / 7124	DEF AT local marker foram increase	DEF AT 6
7360 / 7322	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
7749 / 7674	DEF AT local marker deep water fauna	DEF AT 6
7750 / 7675	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 6
8020 / 7903	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
8230 / 8075	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CA 24	Date of Summary: 10-APR-1980	First Sample Examined: 1000
Lease Number: G03201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13530
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12559
API Well Number: 177284000100	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12780	Water Depth: 65
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8349 / 8172	DEF AT glauconite	DEF AT 4
8350 / 8173	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
8620 / 8394	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8680 / 8444	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8860 / 8593	POS AT faunal change (no faunal increase)	DEF AT 4
8950 / 8667	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8980 / 8692	DEF AT local marker planktic foram increase	DEF AT 4
9000 / 8708	DEF AT poor sample interval top	POS AT 4
9220 / 8889	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
9370 / 9011	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9880 / 9418	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
9970 / 9492	POS AT local marker foram increase	DEF AT 4
10090 / 9591	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
10600 / 10017	POS IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
10810 / 10196	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
10930 / 10297	DEF AT Bathysiphon fauna	DEF AT 4
11000 / 10356	DEF AT poor sample interval bottom	DEF AT
11050 / 10398	POS IN Lower Oligocene (Rupelian) Nodosaria blanpiedi	DEF AT
11530 / 10805	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT
11710 / 10961	POS IN Upper Eocene (Priabonian) Globigerinathea semiinvoluta	DEF AT
11800 / 11040	DEF AT glauconite	DEF AT
11830 / 11066	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT
11890 / 11119	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT
12039 / 11250	DEF AT gray shale	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CA 24	Date of Summary: 10-APR-1980	First Sample Examined: 1000
Lease Number: G03201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13530
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12559
API Well Number: 177284000100	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12780	Water Depth: 65
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12040 / 11251	DEF AT Lower Paleocene Clayton Formation	DEF AT
12070 / 11277	POS IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
12160 / 11357	POS AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT
12220 / 11410	DEF IN Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT
12730 / 11859	POS AT Upper Cretaceous (Campanian) Marginotruncana marginata	DEF AT
12760 / 11886	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT
12780 / 11903	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CA 24	Date of Summary: 20-AUG-1980	First Sample Examined: 7720
Lease Number: G03201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13530
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12559
API Well Number: 177284000100	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 7720 - 8260	Water Depth: 65
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7720 / 7649	DEF AT first sample examined	DEF AT
7721 / 7650	DEF AT poor sample interval top	DEF AT
7722 / 7650	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7750 / 7675	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
8020 / 7903	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
8110 / 7977	DEF AT Bathysiphon fauna	DEF AT
8230 / 8075	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
8259 / 8098	DEF AT poor sample interval bottom	DEF AT
8260 / 8099	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CA 33	Date of Summary: 21-NOV-1983	First Sample Examined: 1990
Lease Number: G05741	Source of Paleo: OPERATOR	Borehole MD: 6595
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5501
API Well Number: 177284001400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1990 - 6580	Water Depth: 40
Public Info Code: Y 27-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1990 / 1884	DEF AT first sample examined	DEF AT 1
2980 / 2660	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3100 / 2754	DEF AT - - - - -	DEF AT 2
3370 / 2969	DEF AT local marker (general)	DEF AT 2
4570 / 3915	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5050 / 4284	DEF AT - - - - -	DEF AT 2
6340 / 5303	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
6580 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CC 612	Date of Summary: 16-MAR-1981	First Sample Examined: 0
Lease Number: G04128	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 608014000100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 940
Public Info Code: Y 14-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3840 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4620 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5910 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CC 656	Date of Summary: 03-FEB-1981	First Sample Examined: 0
Lease Number: G04129	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11940
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11940
API Well Number: 608014000200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1133
Public Info Code: Y 16-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2260 /	DEF AT local marker deep water fauna	DEF AT 7
2261 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 7
2850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 7
4870 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 7
6940 /	DEF AT -----	DEF AT 7
7210 /	DEF AT -----	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CC 921	Date of Summary: 21-MAY-1985	First Sample Examined: 0
Lease Number: G07375	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13984
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13701
API Well Number: 608014000300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 34
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 2379
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4109 / 4109	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5834 / 5834	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6359 / 6359	DEF AT local marker (general)	DEF AT
7274 / 7274	DEF AT local marker (general)	DEF AT
7709 / 7709	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8759 / 8758	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10649 / 10647	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 144	Date of Summary: 17-JUL-1981	First Sample Examined: 5400
Lease Number: G03906	Source of Paleo: OPERATOR	Borehole MD: 11366
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11362
API Well Number: 608364000300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 5400 - 11360	Water Depth: 173
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: 11320=red chert

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 /	DEF AT first sample examined	DEF AT 1
5401 /	DEF IN Upper Cretaceous Navarro Group/Provincial Stage	DEF AT 1
5820 /	DEF AT Upper Cretaceous Taylor Group/Provincial Stage	DEF AT 3
6570 /	DEF AT Upper Cretaceous Austin Group/Provincial Stage	DEF AT 3
7050 /	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT 3
7200 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
8040 /	DEF AT Lower Cretaceous Albian Stage	DEF AT 1
8310 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
8370 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
9090 /	DEF AT Lower Cretaceous Upper Glen Rose Formation	DEF AT 1
9990 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT 1
10170 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT 1
11320 /	DEF AT local marker (general)	DEF AT 1
11360 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 144	Date of Summary: 01-OCT-1981	First Sample Examined: 5490
Lease Number: G03906	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11366
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 11362
API Well Number: 608364000300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 5490 - 11360	Water Depth: 173
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5490 /	DEF AT first sample examined	DEF AT 2
5491 /	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 2
6410 /	DEF AT Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT 4
7120 /	POS IN Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 2
7121 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 2
7122 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 2
7210 /	POS AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
8060 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitensis (ostracod)	DEF AT 2
8880 /	DEF AT oolites	DEF AT 2
9170 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
11280 /	DEF AT granite wash	DEF AT
11360 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 144	Date of Summary: 21-SEP-1992	First Sample Examined: 5400
Lease Number: G03906	Source of Paleo: OPERATOR	Borehole MD: 11366
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11362
API Well Number: 608364000300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 5400 - 11360	Water Depth: 173
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5400 /	DEF AT first sample examined	DEF AT
5401 /	DEF IN Upper Cretaceous Navarro Group/Provincial Stage	DEF AT
5820 /	DEF AT Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT
6570 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
7020 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana praehelvetica	DEF AT
7040 /	POS IN Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT
7180 /	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
8000 /	POS AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT
8070 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
8280 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
8880 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
9980 /	POS AT Lower Cretaceous (Albian) Rehacythereis? aff. R. glabrella (ostracod)	DEF AT
10130 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11320 /	DEF AT basement rock	DEF AT
11360 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 188	Date of Summary: 16-SEP-1981	First Sample Examined: 5580
Lease Number: G03909	Source of Paleo: OPERATOR	Borehole MD: 11362
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11360
API Well Number: 608364000600	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 5580 - 11361	Water Depth: 180
Public Info Code: Y 16-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5580 /	DEF AT first sample examined	DEF AT 1
5581 /	POS AT Upper Cretaceous (Campanian) Globotruncana calcarata	DEF AT 1
6780 /	DEF AT limestone	POS AT 1
7179 /	DEF AT anhydrite	POS AT 1
7180 /	DEF AT miliolid limestone	POS AT 1
9850 /	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
10030 /	DEF AT - - - - -	POS AT 1
10270 /	DEF AT - - - - -	DEF AT 1
11220 /	DEF AT basement rock	POS AT 1
11361 /	DEF AT last sample examined	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 188	Date of Summary: 13-APR-1982	First Sample Examined: 0
Lease Number: G03909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11362
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11360
API Well Number: 608364000600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 16-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6680 /	DEF AT Lower (Early) Cretaceous	DEF AT
6681 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
6682 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
8965 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
11230 /	DEF AT basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 265	Date of Summary: 04-MAY-1981	First Sample Examined: 1290
Lease Number: G03912	Source of Paleo: OPERATOR	Borehole MD: 12362
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12362
API Well Number: 608364000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 3	Sample Range: 1290 - 12350	Water Depth: 324
Public Info Code: Y 09-JAN-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1290 /	DEF AT first sample examined	DEF AT
1291 /	DEF IN Middle Eocene	DEF AT
5420 /	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT
5700 /	DEF IN Upper Cretaceous Campanian Stage	DEF AT
6130 /	POS IN Upper Cretaceous Coniacian Stage	DEF AT
6160 /	DEF AT Upper Cretaceous Turonian Stage	DEF AT
6220 /	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT
6280 /	POS IN Lower Cretaceous Albian Stage	DEF AT
6490 /	DEF IN Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
7490 /	DEF IN Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
8820 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
9330 /	DEF IN Lower Cretaceous Punta Gorda Formation	DEF AT
10680 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
11340 /	DEF AT non-marine sediment	DEF AT 0
11341 /	POS AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
12349 /	DEF AT basement rock	DEF AT
12350 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 265	Date of Summary: 01-OCT-1981	First Sample Examined: 1260
Lease Number: G03912	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12362
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12362
API Well Number: 608364000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 1260 - 12350	Water Depth: 324
Public Info Code: Y 09-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Washita-Fredericksburg probably is in the gap between 7150 and 7660

MD / TVD	Paleo Top Description	Ecozone
1260 /	DEF AT first sample examined	DEF AT 2
1261 /	DEF IN Middle Eocene Claiborne Group/Provincial Stage	DEF AT 2
2390 /	DEF AT sample gap top	POS AT 2
4230 /	DEF AT sample gap bottom	DEF AT 2
5540 /	POS AT Upper (Late) Cretaceous	DEF AT 4
5730 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
6190 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 4
7150 /	DEF AT sample gap top	POS AT 4
7660 /	DEF AT sample gap bottom	DEF AT
8820 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
11340 /	DEF AT granite wash	DEF AT
12340 /	DEF AT volcanics	DEF AT
12350 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 265	Date of Summary: 03-AUG-1992	First Sample Examined: 6090
Lease Number: G03912	Source of Paleo: OPERATOR	Borehole MD: 12362
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12362
API Well Number: 608364000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 3 of 3	Sample Range: 6090 - 12350	Water Depth: 324
Public Info Code: Y 09-JAN-1984	Ecozone Eq MMS:	Paleo ID: 003

Remark: Palynological report

MD / TVD	Paleo Top Description	Ecozone
6090 /	DEF AT first sample examined	DEF AT
6091 /	POS AT Upper Cretaceous Coniacian Stage	DEF AT
6092 /	POS AT Upper Cretaceous Turonian Stage	DEF AT
6270 /	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT
6790 /	DEF AT Lower Cretaceous Albian Stage	DEF AT
7980 /	DEF IN Lower Cretaceous Albian Stage	DEF AT
10850 /	POS IN Lower Cretaceous Aptian Stage	DEF AT
10851 /	POS IN Lower Cretaceous Barremian Stage	DEF AT
12350 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 622	Date of Summary: 17-JUL-1986	First Sample Examined: 0
Lease Number: G04950	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 608364000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 234
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9563 /	DEF IN Lower Cretaceous Rodessa Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 622	Date of Summary: 08-JUN-1992	First Sample Examined: 6050
Lease Number: G04950	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 608364000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 2 of 3	Sample Range: 6050 - 10550	Water Depth: 234
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6050 /	DEF AT first sample examined	DEF AT
6051 /	POS AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT 0
6200 /	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT 0
6320 /	POS IN Upper Cretaceous Cenomanian Stage	DEF AT 0
6321 /	POS AT Lower Cretaceous Albian Stage	DEF AT 0
7920 /	DEF IN Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
8630 /	DEF IN Lower Cretaceous Albian Stage	DEF AT 1
9110 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
10420 /	DEF AT volcanics	DEF AT
10550 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 622	Date of Summary: 27-AUG-1992	First Sample Examined: 6190
Lease Number: G04950	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 608364000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 3 of 3	Sample Range: 6190 - 10430	Water Depth: 234
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Palynological report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 /	DEF AT first sample examined	DEF AT
6191 /	POS AT Upper Cretaceous Coniacian Stage	DEF AT
6192 /	POS AT Upper Cretaceous Turonian Stage	DEF AT
6840 /	DEF AT Lower Cretaceous Albian Stage	DEF AT
10430 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 672	Date of Summary: 10-JUL-1981	First Sample Examined: 0
Lease Number: G03917	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11302
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11302
API Well Number: 608364000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 4	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4961 /	DEF IN Upper (Late) Cretaceous	DEF AT
6908 /	DEF IN Lower (Early) Cretaceous	DEF AT
11027 /	POS AT Paleozoic strata	DEF AT
11268 /	DEF AT basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 672	Date of Summary: 31-OCT-1981	First Sample Examined: 5150
Lease Number: G03917	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11302
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 11302
API Well Number: 608364000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 4	Sample Range: 5150 - 11280	Water Depth: 190
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5150 /	DEF AT first sample examined	DEF AT 2
5151 /	DEF IN Upper (Late) Cretaceous	DEF AT 2
5710 /	DEF AT Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT 2
6990 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 2
6991 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 2
7010 /	POS AT Upper Cretaceous (Coniacian) Hedbergella amabilis	DEF AT 2
7800 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
7830 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT 2
8080 /	POS AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 0
8190 /	DEF AT oolites	DEF AT 0
8470 /	DEF IN Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 0
11020 /	DEF AT granite wash	DEF AT
11270 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 672	Date of Summary: 16-MAR-1991	First Sample Examined: 5150
Lease Number: G03917	Source of Paleo: OPERATOR	Borehole MD: 11302
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11302
API Well Number: 608364000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 3 of 4	Sample Range: 5150 - 10540	Water Depth: 190
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
5150 /	DEF AT first sample examined	POS AT 1
5190 /	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT 1
5900 /	DEF AT Upper Cretaceous Campanian Stage	DEF AT 2
6340 /	POS AT Upper Cretaceous Austin Group/Provincial Stage	DEF AT 2
6520 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 2
6770 /	DEF AT Upper Cretaceous Turonian Stage	DEF AT 2
6830 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
7780 /	POS AT Lower Cretaceous Albian Stage	DEF AT 1
8020 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
8320 /	DEF AT sample gap top	DEF AT 1
8560 /	DEF AT sample gap bottom	DEF AT 1
8690 /	DEF AT Lower Cretaceous Upper Glen Rose Formation	DEF AT 1
9750 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT 1
9820 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
9930 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT 1
10540 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 672	Date of Summary: 21-SEP-1992	First Sample Examined: 440
Lease Number: G03917	Source of Paleo: OPERATOR	Borehole MD: 11302
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11302
API Well Number: 608364000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 4 of 4	Sample Range: 440 - 11280	Water Depth: 190
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
440 /	DEF AT first sample examined	DEF AT
441 /	POS IN Pleistocene	DEF AT
2986 /	POS AT Middle Eocene	DEF AT
2987 /	POS AT Lower (Early) Eocene	DEF AT
2990 /	POS AT sample gap top	DEF AT
5150 /	POS AT sample gap bottom	DEF AT
5160 /	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT
5900 /	DEF AT Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT
6330 /	POS AT Upper Cretaceous Santonian Stage	DEF AT
6520 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
6600 /	POS AT Upper Cretaceous Coniacian Stage	DEF AT
6760 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana praehelvetica	DEF AT
6790 /	DEF AT Upper Cretaceous (Cenomanian) Lenticulina gaultina	DEF AT
6890 /	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
7780 /	POS AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT
7830 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
8030 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
8680 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
9760 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
9800 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
9930 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11020 /	DEF AT basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: CH 672	Date of Summary: 21-SEP-1992	First Sample Examined: 440
Lease Number: G03917	Source of Paleo: OPERATOR	Borehole MD: 11302
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11302
API Well Number: 608364000100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 4 of 4	Sample Range: 440 - 11280	Water Depth: 190
Public Info Code: Y 31-DEC-1983	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11280 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 31	Date of Summary: 22-AUG-1978	First Sample Examined: 1750
Lease Number: G02502	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18338
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 18338
API Well Number: 608224001600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 1750 - 18330	Water Depth: 188
Public Info Code: Y 31-JAN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1750 / 1749	DEF AT first sample examined	DEF IN 3
1751 / 1750	DEF IN Upper Oligocene (Chattian) Marginulina vaginata	DEF IN 3
2240 / 2239	DEF AT Lower Oligocene (Rupelian) Discorbis "D"	DEF AT 4
2750 / 2749	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 4
3020 / 3019	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 4
3410 / 3409	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 4
4159 / 4158	POS AT reworked material	DEF AT 4
4160 / 4159	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 4
4340 / 4339	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 4
4370 / 4369	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4
4430 / 4429	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
4500 / 4499	DEF AT sample gap top	DEF AT
4540 / 4539	DEF AT sample gap bottom	DEF AT
4670 / 4669	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT
4700 / 4699	DEF AT sample gap top	DEF AT
4720 / 4719	DEF AT sample gap bottom	DEF AT
4750 / 4749	DEF AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT
4780 / 4779	DEF AT sample gap top	DEF AT
4959 / 4958	DEF AT sample gap bottom	DEF AT
4960 / 4959	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT
4990 / 4989	DEF AT sample gap top	DEF AT
5040 / 5039	DEF AT sample gap bottom	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 31	Date of Summary: 22-AUG-1978	First Sample Examined: 1750
Lease Number: G02502	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18338
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 18338
API Well Number: 608224001600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 1750 - 18330	Water Depth: 188
Public Info Code: Y 31-JAN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5075 / 5074	DEF AT sample gap top	DEF AT
5199 / 5198	DEF AT sample gap bottom	DEF AT
5200 / 5199	POS AT Upper Cretaceous (Cenomanian) Rotalipora reicheli	DEF AT
5260 / 5259	DEF AT sample gap top	DEF AT
5320 / 5319	DEF AT sample gap bottom	DEF AT
5380 / 5379	DEF AT sample gap top	DEF AT
5569 / 5568	DEF AT sample gap bottom	DEF AT
5570 / 5569	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
5600 / 5599	DEF AT sample gap top	DEF AT
5780 / 5779	DEF AT sample gap bottom	DEF AT
5900 / 5899	DEF AT local marker foram decrease	DEF AT
5920 / 5919	DEF AT local marker ostracod (see remarks)	DEF AT
6009 / 6007	DEF AT charophytes	DEF AT
6010 / 6008	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
6060 / 6058	DEF AT local marker ostracod (see remarks)	DEF AT
6080 / 6078	DEF AT charophytes	DEF AT
6400 / 6398	DEF AT Arenaceous fauna (local marker)	DEF AT
6520 / 6518	DEF AT charophytes	DEF AT
7990 / 7988	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
9820 / 9817	DEF AT local marker ostracod (see remarks)	DEF AT
9890 / 9887	DEF AT limestone	DEF AT
10040 / 10037	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
10090 / 10087	DEF AT limestone	DEF AT
10140 / 10137	DEF AT Arenaceous fauna (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 31	Date of Summary: 22-AUG-1978	First Sample Examined: 1750
Lease Number: G02502	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18338
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 18338
API Well Number: 608224001600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 1750 - 18330	Water Depth: 188
Public Info Code: Y 31-JAN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10249 / 10246	DEF AT limestone	DEF AT
10250 / 10247	DEF AT black shale	DEF AT
10310 / 10307	DEF AT anhydrite	DEF AT
10610 / 10607	DEF AT local marker ostracod (see remarks)	DEF AT
10720 / 10717	DEF AT oxidized shale	DEF AT
10940 / 10937	DEF AT sample gap top	DEF AT
10950 / 10947	DEF AT sample gap bottom	DEF AT
11080 / 11077	DEF AT limestone	DEF AT
11090 / 11087	DEF AT sample gap top	DEF AT
11100 / 11097	DEF AT sample gap bottom	DEF AT
11300 / 11297	DEF AT sand	DEF AT
11390 / 11387	DEF AT limestone	DEF AT
11610 / 11606	DEF AT sample gap top	DEF AT
11770 / 11766	DEF AT sample gap bottom	DEF AT
12060 / 12056	DEF AT sample gap top	DEF AT
12070 / 12066	DEF AT sample gap bottom	DEF AT
12490 / 12486	DEF AT sample gap top	DEF AT
12730 / 12726	DEF AT sample gap bottom	DEF AT
12970 / 12966	DEF AT sample gap top	DEF AT
13270 / 13265	DEF AT sample gap bottom	DEF AT
13720 / 13715	DEF AT sample gap top	DEF AT
13930 / 13925	DEF AT sample gap bottom	DEF AT
14260 / 14255	DEF AT sand	DEF AT
16300 / 16293	DEF AT charophytes	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 31	Date of Summary: 22-AUG-1978	First Sample Examined: 1750
Lease Number: G02502	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18338
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 18338
API Well Number: 608224001600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 1750 - 18330	Water Depth: 188
Public Info Code: Y 31-JAN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17020 / 17013	POS AT oolites	DEF AT
17040 / 17033	DEF AT limestone	DEF AT
17070 / 17063	DEF AT sand	DEF AT
17120 / 17113	DEF AT gray shale	DEF AT
17240 / 17233	DEF AT Jurassic Smackover Formation	DEF AT
17250 / 17243	DEF AT limestone	DEF AT
17280 / 17273	DEF AT sample gap top	DEF AT
17340 / 17333	DEF AT sample gap bottom	DEF AT
17610 / 17602	DEF AT anhydrite	DEF AT
17890 / 17882	DEF AT Jurassic Norphlet Formation	DEF AT
18310 / 18301	POS AT gypsum	DEF AT
18330 / 18321	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 31	Date of Summary: 01-SEP-1992	First Sample Examined: 950
Lease Number: G02502	Source of Paleo: OPERATOR	Borehole MD: 18338
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18338
API Well Number: 608224001600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 950 - 1460	Water Depth: 188
Public Info Code: Y 31-JAN-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
950 / 950	DEF AT first sample examined	DEF AT
1010 / 1010	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
1460 / 1460	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 118	Date of Summary: 25-OCT-1974	First Sample Examined: 0
Lease Number: G02492	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7075
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7075
API Well Number: 608224000400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 239
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 /	DEF AT Upper Eocene Jackson Group/Provincial Stage	DEF AT
3075 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT
3380 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
6560 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 118	Date of Summary: 20-FEB-1975	First Sample Examined: 0
Lease Number: G02492	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7507
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7507
API Well Number: 608224001100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
970 /	DEF IN Oligocene	DEF AT
2830 /	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT
3430 /	DEF AT Paleocene	DEF AT
3670 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
4960 /	DEF AT Lower (Early) Cretaceous	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 14-NOV-1974	First Sample Examined: 620
Lease Number: G02486	Source of Paleo: OPERATOR	Borehole MD: 10930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 3	Sample Range: 620 - 10930	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
620 /	DEF AT first sample examined	DEF AT
621 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
770 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
860 /	DEF AT unconformity	DEF AT
861 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
890 /	POS AT Upper Oligocene (Chattian) Camerina "A"	DEF AT
1200 /	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
1580 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
2180 /	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT
2330 /	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT
2540 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT
2810 /	DEF AT radiolarians	DEF AT
2900 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT
3060 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
3110 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
3140 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
3350 /	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT
3380 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT
4010 /	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT
4219 /	DEF AT unconformity	DEF AT
4220 /	DEF AT local marker ostracod (see remarks)	DEF AT
5210 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 14-NOV-1974	First Sample Examined: 620
Lease Number: G02486	Source of Paleo: OPERATOR	Borehole MD: 10930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 3	Sample Range: 620 - 10930	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5302 /	DEF AT anhydrite	DEF AT
6080 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
7880 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 1
8360 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 1
8410 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 1
8560 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 1
9100 /	DEF AT Lower Cretaceous Barremian Stage	DEF AT 1
9101 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 1
10930 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 18-NOV-1975	First Sample Examined: 440
Lease Number: G02486	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10930
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 3	Sample Range: 440 - 10929	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 1400=Marginulina zone, samples are not of the best quality, with significant mixing or masking of faunas due to the relatively thin sector

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
440 /	DEF AT first sample examined	DEF AT 4
441 /	DEF AT foram flood	DEF AT 4
442 /	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
680 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
770 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
860 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
1070 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
1190 /	POS AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 4
1220 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 4
1400 /	DEF IN Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 4
1490 /	DEF AT limestone	DEF AT 4
1550 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
1670 /	POS AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT 4
1790 /	POS IN Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 4
1850 /	DEF IN Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 4
2090 /	DEF AT sample gap top	DEF AT 4
2120 /	DEF AT sample gap bottom	DEF AT 4
2121 /	DEF AT drilling material	DEF AT 4
2240 /	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 4
2300 /	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 4
2480 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 4
2600 /	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 18-NOV-1975	First Sample Examined: 440
Lease Number: G02486	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10930
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 3	Sample Range: 440 - 10929	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2629 /	DEF AT limestone	DEF AT 3
2630 /	DEF AT local marker foram decrease	DEF AT 3
2690 /	DEF AT sample gap top	POS AT 3
2720 /	DEF AT sample gap bottom	DEF AT 3
2840 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 3
2870 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2960 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 4
3019 /	DEF AT foram flood	DEF AT 4
3020 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4
3050 /	DEF AT sample gap top	DEF AT 4
3079 /	DEF AT sample gap bottom	DEF AT 4
3080 /	DEF IN Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4
3140 /	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	POS AT 3
3170 /	DEF AT reworked material	POS AT 3
3350 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	POS AT 3
3530 /	DEF AT Upper Cretaceous (Santonian) Dicarinnella concavata	POS AT 3
3590 /	POS AT Upper Cretaceous (Santonian) Marginotruncana renzi	POS AT 3
3680 /	POS AT Upper Cretaceous (Coniacian) Dicarinnella imbricata	POS AT 3
3890 /	DEF AT local marker benthic foram increase	DEF AT 3
3920 /	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 3
4100 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 3
4130 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 3
4160 /	DEF AT sand	DEF AT 3
4211 /	POS AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 18-NOV-1975	First Sample Examined: 440
Lease Number: G02486	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10930
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 3	Sample Range: 440 - 10929	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4218 /	DEF AT shell fragments	DEF IN 2
4219 /	DEF AT charophytes	DEF IN 2
4220 /	DEF AT local marker ostracod (see remarks)	DEF IN 2
4280 /	DEF AT local marker ostracod (see remarks)	DEF IN 2
4460 /	POS AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF IN 2
5210 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
5300 /	DEF AT calcite	DEF IN 2
5301 /	DEF AT anhydrite	DEF IN 2
5480 /	DEF AT local marker ostracod (see remarks)	DEF IN 2
5670 /	POS IN Lower Cretaceous (Albian) Biticinella breggiensis	DEF IN 2
6050 /	DEF AT local marker ostracod (see remarks)	DEF IN 2
6140 /	DEF AT anhydrite	POS IN 2
6260 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	POS IN 2
6261 /	POS AT Lower Cretaceous Paluxy Formation	POS IN 2
7880 /	POS AT miliolid limestone	POS AT 2
7940 /	DEF AT local marker ostracod (see remarks)	POS AT 0
8390 /	POS IN Lower Cretaceous Ferry Lake Anhydrite	POS AT 0
8440 /	DEF AT miliolid limestone	POS AT 0
8590 /	DEF AT miliolid limestone	POS AT 0
8680 /	DEF AT anhydrite	POS AT 0
8830 /	DEF AT local marker ostracod (see remarks)	POS AT 0
9640 /	POS AT Upper Jurassic (Kimmeridgian) Epistomina mosquensis	POS AT 0
9790 /	DEF AT miliolid limestone	DEF AT 0
9880 /	DEF AT sandstone	POS AT 0

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 18-NOV-1975	First Sample Examined: 440
Lease Number: G02486	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10930
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 3	Sample Range: 440 - 10929	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 /	POS AT local marker foram increase	POS AT 0
10929 /	DEF AT last sample examined	POS AT 0

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 13-DEC-1976	First Sample Examined: 0
Lease Number: G02486	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10930
API Well Number: 608224000000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 3 of 3	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2320 /	DEF AT Upper Eocene Jackson Group/Provincial Stage	DEF AT
2540 /	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT
2900 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT
3166 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
3725 /	DEF IN Upper Cretaceous Selma Chalk (or Group)	DEF AT
4220 /	DEF AT Lower (Early) Cretaceous	DEF AT
6200 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
8360 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
8820 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 08-DEC-1974	First Sample Examined: 1000
Lease Number: G02486	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17938
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 17936
API Well Number: 608224001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 4	Sample Range: 1000 - 17950	Water Depth: 258
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 4
1001 / 1001	DEF IN Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
1060 / 1060	DEF AT local marker planktic foram increase	DEF AT 4
1540 / 1540	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
1780 / 1780	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 4
2020 / 2020	DEF AT Lower Oligocene (Rupelian) Discorbis "D"	DEF AT 4
2259 / 2259	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 4
2260 / 2260	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 4
2380 / 2380	POS AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT 4
2560 / 2560	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 4
2800 / 2800	DEF AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF AT 4
2980 / 2980	DEF AT local marker foram increase	DEF AT 4
3040 / 3040	DEF AT Upper Paleocene (Selandian) Vaginulina midwayensis	DEF AT 4
3100 / 3100	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT 3
3280 / 3280	DEF AT local marker foram decrease	DEF AT 3
3340 / 3340	DEF AT cement	POS AT 3
4090 / 4090	DEF AT charophytes	DEF AT 2
4091 / 4091	POS AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
5140 / 5140	DEF AT anhydrite	DEF AT 2
5500 / 5500	DEF AT oolites	DEF AT 2
5860 / 5860	DEF AT sandstone	DEF AT 2
5980 / 5980	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 08-DEC-1974	First Sample Examined: 1000
Lease Number: G02486	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17938
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 17936
API Well Number: 608224001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 4	Sample Range: 1000 - 17950	Water Depth: 258
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6070 / 6070	DEF AT anhydrite	DEF AT 2
7450 / 7450	DEF AT ash	DEF AT 2
7600 / 7600	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 2
7660 / 7660	DEF AT local marker ostracod (see remarks)	DEF AT 2
7810 / 7810	DEF AT miliolid limestone	DEF AT 2
8110 / 8110	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 2
8230 / 8230	DEF AT anhydrite	DEF AT 2
8500 / 8500	DEF AT local marker ostracod (see remarks)	DEF AT 2
9220 / 9220	DEF AT ash	DEF AT 2
9370 / 9369	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT 2
9371 / 9370	DEF AT local marker benthic foram increase	DEF AT 2
9372 / 9371	POS AT Upper Jurassic (Kimmeridgian) Epistomina mosquensis	DEF AT 2
10810 / 10809	DEF AT Cyclammina sp. (local marker)	DEF AT
12369 / 12368	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 0
12370 / 12369	POS AT Upper Jurassic Tithonian Stage	DEF AT 0
12640 / 12639	DEF AT glauconite	DEF AT
15010 / 15009	DEF AT Jurassic Haynesville Formation	DEF AT 0
15250 / 15249	DEF AT anhydrite	DEF AT
16030 / 16029	DEF AT anhydrite	DEF AT
16600 / 16599	DEF AT Jurassic Smackover Formation	DEF AT 0
17560 / 17558	DEF AT Jurassic Norphlet Formation	DEF AT 0
17950 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 09-JUL-1975	First Sample Examined: 0
Lease Number: G02486	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17938
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17936
API Well Number: 608224001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 4	Sample Range: 0 - 0	Water Depth: 258
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8140-12430=Ferry Lake-Rodessa-Sligo

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT Oligocene	DEF AT
2260 / 2260	DEF AT Eocene	DEF AT
3100 / 3100	DEF AT Upper (Late) Cretaceous	DEF AT
4090 / 4090	DEF AT Lower (Early) Cretaceous	DEF AT
4091 / 4091	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
4092 / 4092	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
5070 / 5070	DEF AT anhydrite	DEF AT
5980 / 5980	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
7600 / 7600	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
8140 / 8140	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
8141 / 8141	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
8142 / 8142	POS AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
16810 / 16809	DEF AT Jurassic Smackover Formation	DEF AT
17550 / 17548	DEF AT Jurassic Norphlet Formation	DEF AT
17938 / 17936	POS AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 01-NOV-1984	First Sample Examined: 0
Lease Number: G02486	Source of Paleo: PUBLICATION	Borehole MD: 17938
Well Name: 003	Paleo Done By: UNKNOWN	Borehole TVD: 17936
API Well Number: 608224001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 3 of 4	Sample Range: 0 - 0	Water Depth: 258
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Source is Addy, S and R T Buffler, 1984, Seismic stratigraphy of shelf and slope, northeastern Gulf of Mexico, AAPG v 68, no 11

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
919 / 919	POS IN Miocene	DEF AT
2178 / 2178	POS IN Eocene	DEF AT
3018 / 3018	POS AT unconformity	DEF AT
3019 / 3019	POS IN Paleocene Midway Group/Provincial Stage	DEF AT
3020 / 3020	POS IN Upper Cretaceous Taylor Group/Provincial Stage	DEF AT
3703 / 3703	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
8448 / 8448	POS AT Lower Cretaceous Rodessa Formation	DEF AT
12398 / 12397	POS AT unconformity	DEF AT
12399 / 12398	POS AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
17854 / 17852	POS AT Jurassic Louann Salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 08-JUL-1985	First Sample Examined: 1000
Lease Number: G02486	Source of Paleo: OPERATOR	Borehole MD: 17938
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17936
API Well Number: 608224001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 4 of 4	Sample Range: 1000 - 17950	Water Depth: 258
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 003

Remark: Company-integrated foram, nanno and palynological report, 5500=Lower Albian ostracode *Neocythere denticulata*, 7960=Aptian *Hutsonia collinsensis*, 9790=Barremian *Lenticulina tricarinea*, 12341=Hauterivian-Berriasian or older *Phaneoridium* A

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT
1001 / 1001	POS IN Lower Miocene (Aquitania) <i>Lenticulina jeffersonensis</i>	DEF AT
1120 / 1120	POS AT Upper Oligocene (Chattian) <i>Globigerina ciperensis ciperensis</i>	DEF AT
1240 / 1240	DEF AT Lower Miocene (Aquitania) <i>Globorotalia kugleri</i>	DEF AT
1780 / 1780	DEF AT Upper Oligocene (Chattian) <i>Globorotalia opima opima</i>	DEF AT
1840 / 1840	POS IN Lower Oligocene (Rupelian) <i>Cibicides mississippiensis</i>	DEF AT
2080 / 2080	DEF AT Lower Oligocene (Rupelian) <i>Globorotalia increbescens</i>	DEF AT
2260 / 2260	DEF AT Upper Eocene (Priabonian) <i>Hantkenina alabamensis</i>	DEF AT
2380 / 2380	DEF AT Upper Eocene (Priabonian) <i>Globigerinatheka semiinvoluta</i>	DEF AT
2560 / 2560	DEF AT Middle Eocene (Bartonian) <i>Globorotalia bullbrooki</i>	DEF AT
2620 / 2620	DEF AT Middle Eocene (Lutetian) <i>Morozovella aragonensis</i>	DEF AT
2680 / 2680	DEF AT Lower Eocene (Ypresian) <i>Acarinina soldadoensis</i>	DEF AT
2800 / 2800	DEF AT Lower Eocene (Ypresian) <i>Globorotalia wilcoxensis</i>	DEF AT
2980 / 2980	POS AT Upper Paleocene (Thanetian) <i>Morozovella angulata</i>	DEF AT
3040 / 3040	DEF AT Upper Paleocene (Thanetian) <i>Planorotalites pusilla pusilla</i>	DEF AT
3100 / 3100	DEF AT Upper Cretaceous (Campanian) <i>Globotruncana elevata</i>	DEF AT
3219 / 3219	DEF AT Upper Cretaceous (Santonian) <i>Dicarinella concavata</i>	DEF AT
3220 / 3220	DEF AT Upper Cretaceous (Santonian) <i>Marginotruncana renzi</i>	DEF AT
3700 / 3700	DEF AT Upper Cretaceous (Turonian) <i>Praeglobotruncana stephani</i>	DEF AT
3880 / 3880	DEF AT Upper Cretaceous (Turonian) <i>Helvetoglobotruncana helvetica</i>	DEF AT
4060 / 4060	POS IN Upper Cretaceous (Cenomanian) <i>Fossocytheridea lenoiresis</i> (ostracod)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 162	Date of Summary: 08-JUL-1985	First Sample Examined: 1000
Lease Number: G02486	Source of Paleo: OPERATOR	Borehole MD: 17938
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17936
API Well Number: 608224001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 4 of 4	Sample Range: 1000 - 17950	Water Depth: 258
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
4360 / 4360	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT
4780 / 4780	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
5740 / 5740	POS AT Lower Cretaceous Aptian Stage	DEF AT
7840 / 7840	DEF AT Lower Cretaceous Aptian Stage	DEF AT
8950 / 8950	POS IN Lower Cretaceous (Albian) Orbitolina texana	DEF AT
9370 / 9369	DEF AT Lower Cretaceous (Aptian) Epistomina sp.	DEF AT
9430 / 9429	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
9490 / 9489	DEF AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT
12340 / 12339	POS AT Lower Cretaceous Hauterivian Stage	DEF AT
12341 / 12340	POS AT Lower Cretaceous Berriasian Stage	DEF AT
17950 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 166	Date of Summary: 07-APR-1975	First Sample Examined: 200
Lease Number: G02490	Source of Paleo: OPERATOR	Borehole MD: 17608
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17608
API Well Number: 608224000600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 200 - 17608	Water Depth: 145
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4100 /	DEF AT first sample examined	DEF AT
4101 /	DEF IN Paleocene	DEF AT
4160 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
4900 /	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
5150 /	DEF IN Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
5450 /	DEF AT charophytes	DEF AT
6950 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
8650 /	POS AT limestone	DEF AT
9060 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
9590 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
10220 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
12290 /	POS AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
12730 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
16330 /	POS AT Jurassic Haynesville Formation	DEF AT
16690 /	DEF AT Jurassic Haynesville Formation	DEF AT
16744 /	POS AT Jurassic Smackover Formation	DEF AT
16940 /	DEF IN Jurassic Smackover Formation	DEF AT
17531 /	DEF AT salt	DEF AT
17608 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 166	Date of Summary: 12-MAY-1976	First Sample Examined: 4100
Lease Number: G02490	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17608
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 17608
API Well Number: 608224000600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 180 - 17610	Water Depth: 145
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 5450=gastropods and ostracods, 17609=possible Permian

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 /	DEF AT first sample examined	DEF AT 4
4101 /	DEF IN Paleocene	DEF AT 4
4160 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 4
4220 /	DEF AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT
4310 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT
4460 /	DEF AT foram flood	DEF AT
4490 /	POS AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT
4491 /	POS AT Upper Cretaceous "Upper" Eutaw Formation	DEF AT
4700 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
4729 /	DEF AT foram flood	DEF AT
4730 /	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT
5030 /	POS AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
5210 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
5211 /	DEF IN Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
5330 /	DEF AT local marker foram decrease	DEF AT
5450 /	DEF AT local marker ostracod (see remarks)	DEF AT
5630 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
6470 /	DEF AT calcite	DEF AT
6471 /	DEF AT anhydrite	DEF AT
6890 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
6891 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
7030 /	POS AT Lower Cretaceous Paluxy Formation	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 166	Date of Summary: 12-MAY-1976	First Sample Examined: 4100
Lease Number: G02490	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17608
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 17608
API Well Number: 608224000600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 180 - 17610	Water Depth: 145
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 /	DEF AT miliolid limestone	DEF AT
7501 /	POS AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
8680 /	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
8681 /	POS IN Lower Cretaceous Trinity Group/Provincial Stage	DEF AT
8800 /	DEF AT miliolid limestone	DEF AT
8860 /	DEF AT anhydrite	DEF AT
8920 /	DEF AT miliolid limestone	DEF AT
8970 /	DEF AT anhydrite	DEF AT
9070 /	DEF AT miliolid limestone	DEF AT
9190 /	DEF AT anhydrite	DEF AT
9690 /	DEF AT miliolid limestone	DEF AT
9790 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
9791 /	POS AT Lower Cretaceous Sunniland Formation	DEF AT
10090 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
10130 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
10140 /	POS AT Upper Jurassic (Kimmeridgian) Epistomina mosquensis	DEF AT
10150 /	DEF AT Upper Jurassic (Kimmeridgian) Epistomina mosquensis	DEF AT
10170 /	DEF AT oolites	DEF AT
16330 /	POS AT anhydrite	DEF AT
16700 /	DEF AT limestone	DEF AT
16740 /	POS AT local marker ostracod (see remarks)	DEF AT
16741 /	DEF AT oolites	DEF AT
16750 /	DEF AT sample gap top	DEF AT
17457 /	DEF AT sample gap bottom	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 166	Date of Summary: 12-MAY-1976	First Sample Examined: 4100
Lease Number: G02490	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17608
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 17608
API Well Number: 608224000600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 180 - 17610	Water Depth: 145
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17458 /	DEF AT limestone	DEF AT
17459 /	POS AT local marker ostracod (see remarks)	DEF AT
17531 /	POS AT salt	DEF AT
17608 /	POS IN Jurassic	DEF AT
17609 /	POS IN Paleozoic strata	DEF AT
17610 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 207	Date of Summary: 25-MAR-1975	First Sample Examined: 970
Lease Number: G02480	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4800
API Well Number: 608224001300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 970 - 4800	Water Depth: 280
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
970 / 970	DEF AT first sample examined	DEF AT
971 / 971	DEF IN Miocene	DEF AT
1030 / 1030	DEF AT Oligocene	DEF AT
3640 / 3639	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
4570 / 4569	DEF AT Lower (Early) Cretaceous	DEF AT
4800 / 4799	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 360	Date of Summary: 23-OCT-1975	First Sample Examined: 0
Lease Number: G02468	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 20988
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20988
API Well Number: 608224001200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 4	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 21-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6050 /	DEF AT Upper (Late) Cretaceous	DEF AT
7840 /	DEF AT Lower (Early) Cretaceous	DEF AT
8050 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
10360 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
12710 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
14046 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
14190 /	DEF AT Lower Cretaceous Pine Island Formation	DEF AT
17295 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 360	Date of Summary: 24-SEP-1976	First Sample Examined: 6000
Lease Number: G02468	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20988
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 20988
API Well Number: 608224001200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 4	Sample Range: 6000 - 20988	Water Depth: 300
Public Info Code: Y 21-DEC-1978	Ecozone Eq MMS: N	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT
6001 /	DEF IN Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT
6060 /	DEF IN Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT
6150 /	DEF AT Upper Cretaceous (Campanian) Globorotalites micheliniana	DEF AT
6690 /	DEF AT Upper Cretaceous (Santonian) Dicarinella asymetrica	DEF AT
6840 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
6960 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora reicheli	DEF AT
7620 /	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
7650 /	DEF AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT
7920 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
8100 /	DEF AT Lower Cretaceous (Albian) Coskinolinooides texanus	DEF AT
12210 /	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
12460 /	DEF AT miliolid limestone	DEF AT
12480 /	DEF AT anhydrite	DEF AT
12710 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
17990 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
18619 /	DEF AT reworked material	DEF AT
18620 /	DEF AT Cyclammina sp. (local marker)	DEF AT
20988 /	DEF AT last sample examined	DEF AT

This report contains public paleo reports only for the time period stated

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 360	Date of Summary: 02-NOV-1982	First Sample Examined: 330
Lease Number: G02468	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20988
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 20988
API Well Number: 608224001200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 3 of 4	Sample Range: 330 - 20960	Water Depth: 300
Public Info Code: Y 21-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
330 /	DEF AT first sample examined	DEF AT 3
1020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2610 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
2970 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
3030 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
3240 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
3480 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
3780 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
4110 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
4290 /	POS AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT 4
4530 /	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 4
5670 /	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 2
5820 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 2
6060 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 3
7110 /	DEF AT Upper Cretaceous (Santonian) Dicarinea asymetrica	DEF AT 2
7500 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2
7860 /	DEF AT sample gap top	POS AT 2
7879 /	DEF AT sample gap bottom	DEF AT 2
7880 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 2
8060 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 360	Date of Summary: 02-NOV-1982	First Sample Examined: 330
Lease Number: G02468	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20988
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 20988
API Well Number: 608224001200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 3 of 4	Sample Range: 330 - 20960	Water Depth: 300
Public Info Code: Y 21-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 /	DEF AT anhydrite	DEF AT 2
10430 /	DEF AT Lower Cretaceous Trinity Group/Provincial Stage	DEF AT 2
10439 /	DEF AT pyrite	DEF AT 2
10440 /	DEF AT glauconite	DEF AT 2
11570 /	DEF AT charophytes	DEF AT 2
11700 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	POS AT 2
12200 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
12201 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 2
12830 /	DEF AT anhydrite	DEF AT 2
14100 /	DEF AT miliolid limestone	DEF AT 2
14440 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
14610 /	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT 2
15090 /	DEF AT charophytes	DEF AT 2
18500 /	DEF AT sample gap top	POS AT 2
18589 /	DEF AT sample gap bottom	DEF AT 2
18590 /	DEF AT Upper Jurassic (Tithonian) Eoguttulina amygdalina	DEF AT 2
19150 /	DEF AT sample gap top	POS AT 2
19189 /	DEF AT sample gap bottom	DEF AT 2
19190 /	DEF IN Upper Jurassic Reinholdella "A" (increase)	DEF AT 2
20960 /	DEF AT last sample examined	DEF AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 360	Date of Summary: 11-NOV-1992	First Sample Examined: 2610
Lease Number: G02468	Source of Paleo: OPERATOR	Borehole MD: 20988
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20988
API Well Number: 608224001200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 4 of 4	Sample Range: 330 - 20960	Water Depth: 300
Public Info Code: Y 21-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2610 /	DEF AT first sample examined	DEF AT 4
2760 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
3030 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
3120 /	DEF AT - - - - -	DEF AT 3
3240 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
3480 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
3510 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
3690 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
3930 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
4050 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
4110 /	POS IN Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 4
4200 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 4
4920 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT 4
5430 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 4
5790 /	POS AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 4
6030 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4
6060 /	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 4
6420 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
6780 /	DEF AT shell fragments	DEF AT
7440 /	POS AT Upper Cretaceous (Santonian) Lithastrinus moratus	DEF AT
7530 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
7560 /	POS IN Upper Cretaceous (Coniacian) Stoverius achylosus	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 360	Date of Summary: 11-NOV-1992	First Sample Examined: 2610
Lease Number: G02468	Source of Paleo: OPERATOR	Borehole MD: 20988
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20988
API Well Number: 608224001200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 4 of 4	Sample Range: 330 - 20960	Water Depth: 300
Public Info Code: Y 21-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7770 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT
7920 /	DEF AT Upper Cretaceous (Cenomanian) Axopodorhabdus albianus	DEF AT
8250 /	DEF AT Lower Cretaceous (Albian) Rucinolithus irregularis	DEF AT
8870 /	POS IN Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
9360 /	DEF AT Lower Cretaceous (Albian) Coskinolinooides texanus	DEF AT
11130 /	DEF AT charophytes	DEF AT
11490 /	DEF AT Lower Cretaceous (Aptian) Nannoconus kamptneri	DEF AT
14390 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
15820 /	DEF AT Lower Cretaceous (Barremian) Schuleridea lacustris (ostracod)	DEF AT
16280 /	POS AT Lower Cretaceous Hauterivian Stage	DEF AT
16281 /	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT
18350 /	DEF AT Upper Jurassic (Tithonian) Gallaecytheridea postrotunda (ostracod)	DEF AT
19520 /	DEF AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT
20960 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 529	Date of Summary: 11-JUL-1980	First Sample Examined: 3050
Lease Number: G03888	Source of Paleo: OPERATOR	Borehole MD: 20450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20447
API Well Number: 608224001700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 3050 - 20450	Water Depth: 227
Public Info Code: Y 23-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 / 3050	DEF AT first sample examined	DEF AT
3051 / 3051	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4395 / 4395	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
4605 / 4605	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
4845 / 4845	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
6355 / 6355	DEF IN Upper Oligocene Chattian Stage	DEF AT
6945 / 6945	DEF AT Eocene	DEF AT
7820 / 7820	DEF AT Paleocene	DEF AT
8210 / 8210	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT
8830 / 8830	DEF AT Upper Cretaceous Turonian Stage	DEF AT
8950 / 8950	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT
9790 / 9790	POS AT Lower Cretaceous Albian Stage	DEF AT
14520 / 14519	DEF IN Lower Cretaceous Aptian Stage	DEF AT
15300 / 15299	DEF AT Lower Cretaceous Barremian Stage	DEF AT
16860 / 16859	POS AT Lower Cretaceous Hauterivian Stage	DEF AT
19020 / 19018	DEF IN Lower Cretaceous Hauterivian Stage	DEF AT
20450 / 20447	DEF AT last sample examined	DEF AT

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MINERALS MANAGEMENT SERVICE
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 529	Date of Summary: 05-DEC-1980	First Sample Examined: 3050
Lease Number: G03888	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20450
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 20447
API Well Number: 608224001700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 3050 - 20450	Water Depth: 227
Public Info Code: Y 23-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	DEF AT 3
3051 / 3051	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3110 / 3110	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3190 / 3190	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
3370 / 3370	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
3490 / 3490	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
4395 / 4395	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4665 / 4665	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
4845 / 4845	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
4945 / 4945	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
5155 / 5155	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
5635 / 5635	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
6025 / 6025	DEF AT Bathysiphon fauna	DEF AT 4
6235 / 6235	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 4
6475 / 6475	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 4
6945 / 6945	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 4
7035 / 7035	DEF AT Middle Eocene (Bartonian) Truncorotaloides topilensis	DEF AT 3
7395 / 7395	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 3
7640 / 7640	POS AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 3
7850 / 7850	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 2
8060 / 8060	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 2
8210 / 8210	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 529	Date of Summary: 05-DEC-1980	First Sample Examined: 3050
Lease Number: G03888	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20450
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 20447
API Well Number: 608224001700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 3050 - 20450	Water Depth: 227
Public Info Code: Y 23-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8680 / 8680	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 2
8860 / 8860	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2
8950 / 8950	POS IN Upper Cretaceous (Cenomanian) Lenticulina gaultina	DEF AT 2
8980 / 8980	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
9070 / 9070	DEF AT charophytes	DEF AT 2
9100 / 9100	DEF AT miliolid limestone	DEF AT 2
9280 / 9280	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 2
9400 / 9400	DEF AT charophytes	DEF AT 2
10520 / 10520	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 1
12400 / 12400	DEF AT miliolid limestone	DEF AT 1
13800 / 13799	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
17860 / 17858	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
18900 / 18898	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
19590 / 19588	DEF AT dolomite	DEF AT 1
20250 / 20247	POS AT Upper Jurassic (Tithonian) Epistomina uhligi	DEF AT 2
20280 / 20277	DEF AT Upper Jurassic Reinholdella "A" (increase)	DEF AT 2
20450 / 20447	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 563	Date of Summary: 05-SEP-1982	First Sample Examined: 1430
Lease Number: G03890	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 21068
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 21068
API Well Number: 608224001800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 3	Sample Range: 1430 - 21060	Water Depth: 275
Public Info Code: Y 30-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1430 / 1430	DEF AT first sample examined	DEF AT 3
1431 / 1431	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
1580 / 1580	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
2030 / 2030	POS AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 3
2300 / 2300	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 3
2800 / 2800	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 3
2830 / 2830	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 3
3070 / 3070	POS AT radiolarians	DEF AT 3
3160 / 3160	DEF AT Middle Eocene (Bartonian) Eponides yeguaensis	DEF AT 2
3610 / 3610	POS AT radiolarians	DEF AT 2
3611 / 3611	POS AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 2
3640 / 3640	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 2
4000 / 4000	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 2
4120 / 4120	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 2
4150 / 4150	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 2
4240 / 4240	DEF IN Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 2
5020 / 5020	DEF AT Upper Cretaceous (Santonian) Dicarinnella concavata	DEF AT 2
5440 / 5440	DEF AT pyrite	DEF AT 2
5470 / 5470	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 2
5620 / 5620	DEF AT sample gap top	DEF AT
5709 / 5709	DEF AT sample gap bottom	DEF AT 2
5710 / 5710	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 563	Date of Summary: 05-SEP-1982	First Sample Examined: 1430
Lease Number: G03890	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 21068
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 21068
API Well Number: 608224001800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 3	Sample Range: 1430 - 21060	Water Depth: 275
Public Info Code: Y 30-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5739 / 5739	DEF AT pyrite	DEF AT 2
5740 / 5740	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
6910 / 6910	DEF AT anhydrite	DEF AT 2
7910 / 7910	DEF AT charophytes	DEF AT 2
8000 / 8000	DEF AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT 2
8240 / 8240	DEF AT limestone	DEF AT 2
8300 / 8300	DEF AT charophytes	DEF AT 2
8360 / 8360	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 2
8840 / 8840	DEF IN Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 2
9890 / 9890	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
11340 / 11340	DEF AT miliolid limestone	DEF AT 2
12160 / 12160	DEF AT miliolid limestone	DEF AT 2
15730 / 15730	DEF IN Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
17080 / 17079	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT 2
18680 / 18679	POS AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 2
21040 / 21032	DEF AT anhydrite	DEF AT 2
21060 / 21052	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 563	Date of Summary: 28-SEP-1982	First Sample Examined: 0
Lease Number: G03890	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 21068
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 21068
API Well Number: 608224001800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 30-DEC-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: 15660=Cotton Valley B lime

MD / TVD	Paleo Top Description	Ecozone
8300 / 8300	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
10158 / 10158	DEF AT Lower Cretaceous Trinity Group/Provincial Stage	DEF AT
10480 / 10480	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
11350 / 11350	DEF IN Lower Cretaceous Ferry Lake Anhydrite	DEF AT
12130 / 12130	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
15250 / 15250	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
15660 / 15660	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
17972 / 17971	DEF AT Jurassic Haynesville Formation	DEF AT
19950 / 19946	DEF AT Jurassic Smackover Formation	DEF AT
20810 / 20803	DEF AT Jurassic Norphlet Formation	DEF AT
21065 / 21057	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 563	Date of Summary: 16-JUL-1992	First Sample Examined: 1400
Lease Number: G03890	Source of Paleo: OPERATOR	Borehole MD: 21068
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21068
API Well Number: 608224001800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 3 of 3	Sample Range: 1400 - 21068	Water Depth: 275
Public Info Code: Y 30-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT first sample examined	DEF AT 1
1401 / 1401	DEF AT Miocene	DEF AT 1
1790 / 1790	POS AT Oligocene	DEF AT 1
1940 / 1940	DEF AT - - - - -	DEF AT 3
2330 / 2330	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 3
2830 / 2830	DEF AT Upper Eocene Jackson Group/Provincial Stage	DEF AT 3
3420 / 3420	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT 3
3620 / 3620	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 3
4010 / 4010	DEF AT Paleocene	DEF AT 3
4220 / 4220	DEF AT Cretaceous	DEF AT 1
4250 / 4250	DEF AT Upper Cretaceous Campanian Stage	DEF AT 1
4960 / 4960	DEF AT Upper Cretaceous Santonian Stage	DEF AT 1
5140 / 5140	DEF AT Upper Cretaceous Coniacian Stage	DEF AT 1
5650 / 5650	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT 1
5830 / 5830	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
5980 / 5980	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
7600 / 7600	DEF AT Lower Cretaceous Paluxy Formation	DEF AT 1
12200 / 12200	DEF AT Lower Cretaceous Rodessa Formation	DEF AT 1
13430 / 13430	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 1
18680 / 18679	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
19350 / 19348	DEF AT Jurassic Buckner Formation	DEF AT 1
19730 / 19727	DEF AT Jurassic Smackover Formation	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 563	Date of Summary: 16-JUL-1992	First Sample Examined: 1400
Lease Number: G03890	Source of Paleo: OPERATOR	Borehole MD: 21068
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 21068
API Well Number: 608224001800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 3 of 3	Sample Range: 1400 - 21068	Water Depth: 275
Public Info Code: Y 30-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20919 / 20911	DEF AT Jurassic Norphlet Formation	DEF AT 1
20920 / 20912	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: DD 617	Date of Summary: 04-JAN-1978	First Sample Examined: 0
Lease Number: G02463	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10513
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10513
API Well Number: 608224001500	Drilling Operator: ZAPATA CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 446
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8183 /	DEF AT Paleocene Midway Group/Provincial Stage	DEF AT
8293 /	DEF AT Lower Paleocene Clayton Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 110	Date of Summary: 01-FEB-1978	First Sample Examined: 1020
Lease Number: G02650	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9648
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 9648
API Well Number: 608044001700	Drilling Operator: TEXACO INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 1020 - 9630	Water Depth: 676
Public Info Code: Y 28-OCT-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 /	DEF AT first sample examined	DEF IN 4
1021 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
1080 /	DEF AT local marker planktic foram increase	DEF IN 4
2700 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2940 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3480 /	DEF AT - - - - -	DEF AT 5
4140 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5370 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6990 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7050 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7380 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
7500 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
7560 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8760 /	DEF AT - - - - -	DEF AT 6
9630 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 111	Date of Summary: 05-SEP-1997	First Sample Examined: 1250
Lease Number: G02793	Source of Paleo: OPERATOR	Borehole MD: 4677
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4677
API Well Number: 608044001000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1250 - 4670	Water Depth: 540
Public Info Code: Y 31-AUG-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1250 /	DEF AT first sample examined	DEF AT 4
1910 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
2300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2720 /	DEF AT - - - - -	DEF IN 4
3410 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
3500 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF IN 4
3920 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF IN 4
4460 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
4489 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT 5
4490 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 5
4491 /	DEF IN salt	DEF AT 5
4670 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 112	Date of Summary: 21-APR-1975	First Sample Examined: 1690
Lease Number: G02651	Source of Paleo: OPERATOR	Borehole MD: 7228
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7228
API Well Number: 608044000200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1690 - 7250	Water Depth: 595
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1690 /	DEF AT first sample examined	DEF IN 4
1720 /	DEF AT poor sample interval top	DEF IN 4
1840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
2170 /	DEF AT - - - - -	DEF AT 5
2380 /	DEF AT poor sample interval bottom	DEF AT 5
2710 /	DEF AT transported shelf fauna	DEF IN 4
3700 /	DEF AT - - - - -	DEF AT 5
3910 /	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
4180 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
4750 /	DEF AT - - - - -	DEF AT 6
5380 /	DEF AT - - - - -	DEF AT 5
5530 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6490 /	DEF AT transported shelf fauna	DEF AT 6
6908 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
6909 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
6910 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7250 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 114	Date of Summary: 03-AUG-1987	First Sample Examined: 2240
Lease Number: G02652	Source of Paleo: OPERATOR	Borehole MD: 7503
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7503
API Well Number: 608044001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2240 - 7503	Water Depth: 814
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2240 /	DEF AT first sample examined	DEF AT 5
2250 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2370 /	POS AT transported shelf fauna	DEF AT 5
3390 /	POS AT transported shelf fauna	DEF AT 5
4050 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4290 /	DEF AT - - - - -	DEF AT 6
4830 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
4831 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 6
5070 /	POS AT transported shelf fauna	DEF AT 6
5280 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
5790 /	DEF AT - - - - -	DEF AT 5
6680 /	DEF AT - - - - -	DEF AT 6
6819 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
6870 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
7029 /	DEF AT - - - - -	DEF AT 7
7350 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 7
7503 /	DEF AT last sample examined	DEF AT 7

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 117	Date of Summary: 10-MAY-1980	First Sample Examined: 2310
Lease Number: G02655	Source of Paleo: OPERATOR	Borehole MD: 7010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7010
API Well Number: 608044000100	Drilling Operator: TEXACO INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 2310 - 7010	Water Depth: 670
Public Info Code: Y 22-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo from phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2310 /	DEF AT first sample examined	DEF AT
2311 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4380 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5670 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7010 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 150	Date of Summary: 10-OCT-1985	First Sample Examined: 1900
Lease Number: G07389	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 608044010100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 1900 - 8000	Water Depth: 721
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
1900 /	DEF AT first sample examined	DEF AT
2800 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
3519 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
3520 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
4060 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
4330 /	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
4690 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6160 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
6340 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
6610 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
6820 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF AT
6910 /	DEF AT Upper Miocene (Messinian) Triquetrorhabdulus rugosus	DEF AT
7000 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
7090 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
7450 /	DEF AT Upper Miocene (Tortonian) Discoaster calcaris	DEF AT
7810 /	DEF AT Upper Miocene (Tortonian) Discoaster loeblichii	DEF AT
7990 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 150	Date of Summary: 10-OCT-1985	First Sample Examined: 1900
Lease Number: G07389	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 608044010100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 1900 - 8000	Water Depth: 721
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1900 /	DEF AT first sample examined	DEF IN 4
2050 /	DEF AT - - - -	DEF AT 5
3250 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
3430 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
3580 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
4030 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
4060 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
4210 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
4390 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
4660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4690 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
6040 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6250 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6430 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
6549 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
6550 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
6610 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6700 /	DEF AT local marker deep water fauna	DEF AT 6
6820 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6969 /	DEF AT pyrite	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 150	Date of Summary: 10-OCT-1985	First Sample Examined: 1900
Lease Number: G07389	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 608044010100	Drilling Operator: HESS CORPORATION	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 1900 - 8000	Water Depth: 721
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
7150 /	DEF AT Eggerella sp. (local marker)	DEF AT 6
7510 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
7720 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 6
8000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 151	Date of Summary: 28-AUG-1984	First Sample Examined: 1590
Lease Number: G06277	Source of Paleo: OPERATOR	Borehole MD: 12868
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12057
API Well Number: 608044006600	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1590 - 12870	Water Depth: 712
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Borneo Prospect

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1590 / 1590	DEF AT first sample examined	DEF AT 1
1710 / 1710	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1980 / 1980	DEF AT - - - - -	DEF AT 2
2370 / 2370	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
2820 / 2820	DEF AT - - - - -	DEF AT 3
2850 / 2850	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
3150 / 3150	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
3480 / 3480	DEF AT - - - - -	DEF AT 2
3750 / 3750	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
4139 / 4139	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4140 / 4140	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
4200 / 4200	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
4620 / 4620	DEF AT - - - - -	DEF AT 3
4830 / 4830	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5010 / 5010	DEF AT - - - - -	DEF AT 3
5159 / 5159	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
5160 / 5160	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5310 / 5310	POS AT - - - - -	DEF AT 3
5760 / 5760	DEF AT poor sample interval top	POS AT 3
7318 / 7214	DEF AT poor sample interval bottom	DEF AT 5
7319 / 7214	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7320 / 7215	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 151	Date of Summary: 28-AUG-1984	First Sample Examined: 1590
Lease Number: G06277	Source of Paleo: OPERATOR	Borehole MD: 12868
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12057
API Well Number: 608044006600	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1590 - 12870	Water Depth: 712
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7410 / 7289	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
7530 / 7388	DEF AT - - - - -	DEF AT 4
7620 / 7462	DEF AT - - - - -	DEF AT 5
8130 / 7880	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
8459 / 8145	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
8460 / 8146	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
8970 / 8565	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
9930 / 9408	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
10230 / 9682	POS AT poor sample interval top	DEF AT 4
11129 / 10488	POS AT poor sample interval bottom	DEF AT 4
11130 / 10489	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
11220 / 10569	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
11370 / 10704	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
11490 / 10812	DEF AT - - - - -	DEF AT 4
12660 / 11873	DEF AT Middle Miocene (Langhian) Globigerinoides siccanus	DEF AT 5
12870 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 151	Date of Summary: 28-AUG-1984	First Sample Examined: 7320
Lease Number: G06277	Source of Paleo: OPERATOR	Borehole MD: 12868
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12057
API Well Number: 608044006600	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 7320 - 8400	Water Depth: 712
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark: Borneo Prospect, calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7320 / 7215	DEF AT first sample examined	DEF AT
7410 / 7289	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
8220 / 7953	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
8400 / 8098	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 160	Date of Summary: 01-MAY-1979	First Sample Examined: 1600
Lease Number: G02647	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9565
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8758
API Well Number: 608044000300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1600 - 9565	Water Depth: 880
Public Info Code: Y 02-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1600 / 1600	DEF AT first sample examined	DEF AT 4
2230 / 2230	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2470 / 2470	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2720 / 2720	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5080 / 4998	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5440 / 5285	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
5650 / 5450	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
6310 / 5966	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8260 / 7593	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9565 / 8771	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 191	Date of Summary: 28-AUG-1984	First Sample Examined: 2530
Lease Number: G06286	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12300
API Well Number: 608044006700	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2530 - 12280	Water Depth: 951
Public Info Code: Y 31-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2530 /	DEF AT first sample examined	DEF AT 3
3010 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4240 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5349 /	DEF AT condensed section	DEF AT 4
5350 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
5530 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5770 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
6670 /	DEF AT - - - -	DEF AT 6
7030 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
7780 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
8740 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
9190 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
10690 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
10929 /	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 6
10930 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 6
11440 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 6
12280 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 244	Date of Summary: 14-MAR-1983	First Sample Examined: 2310
Lease Number: G05084	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8479
API Well Number: 608044003200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2310 - 8500	Water Depth: 1192
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2310 / 2310	DEF AT first sample examined	DEF AT
2311 / 2311	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
3090 / 3090	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3390 / 3390	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
3650 / 3650	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4230 / 4230	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
4820 / 4820	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5570 / 5568	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
5810 / 5807	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
5990 / 5986	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
6170 / 6164	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6230 / 6224	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
6349 / 6341	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
6350 / 6342	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6470 / 6461	DEF AT salt	DEF AT
8500 / 8479	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 247	Date of Summary: 17-SEP-1982	First Sample Examined: 1790
Lease Number: G04815	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11698
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11698
API Well Number: 608044002700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1790 - 11678	Water Depth: 1349
Public Info Code: Y 29-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1790 /	DEF AT first sample examined	DEF AT 4
2210 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5010 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6450 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7080 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
7710 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7890 /	DEF AT local marker planktic foram increase	DEF AT 5
7950 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
8160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9030 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9060 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9690 /	DEF AT local marker planktic foram increase	DEF AT 5
10000 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10090 /	DEF AT - - - -	DEF AT 6
11500 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
11678 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 259	Date of Summary: 23-AUG-1985	First Sample Examined: 2210
Lease Number: G07405	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 608044009400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2210 - 15000	Water Depth: 1109
Public Info Code: Y 30-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2210 /	DEF AT first sample examined	DEF AT
11071 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
15000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 299	Date of Summary: 20-MAR-1986	First Sample Examined: 2260
Lease Number: G07407	Source of Paleo: OPERATOR	Borehole MD: 7325
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7325
API Well Number: 608044009900	Drilling Operator: STANDARD OIL COMPANY OF CALIFO	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2260 - 7325	Water Depth: 935
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2260 /	DEF AT first sample examined	POS AT 4
2261 /	DEF AT cement	POS AT 4
2320 /	DEF AT - - - - -	DEF AT 4
2590 /	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3147 /	DEF AT cement	POS AT 4
3430 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4180 /	POS AT - - - - -	DEF AT 3
4420 /	DEF AT - - - - -	DEF AT 4
4450 /	DEF AT sample gap top	POS AT 4
4600 /	DEF AT sample gap bottom	DEF AT 4
4780 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4810 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5300 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5320 /	DEF AT - - - - -	DEF AT 5
5410 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
5560 /	DEF AT - - - - -	DEF AT 5
5710 /	DEF AT - - - - -	DEF AT 4
5890 /	DEF AT local marker (general)	DEF AT 5
6040 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6370 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
7270 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
7325 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 303	Date of Summary: 03-AUG-1987	First Sample Examined: 2590
Lease Number: G07410	Source of Paleo: OPERATOR	Borehole MD: 13736
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13736
API Well Number: 608044009100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2590 - 13736	Water Depth: 1240
Public Info Code: Y 27-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2590 /	DEF AT first sample examined	POS AT 4
2710 /	DEF AT -----	DEF AT 4
2830 /	DEF AT -----	DEF AT 5
3010 /	DEF AT -----	DEF AT 4
4240 /	DEF AT -----	DEF AT 5
4300 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4480 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5410 /	DEF AT -----	DEF AT 4
8020 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8770 /	DEF AT -----	DEF AT 4
10810 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
10930 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11373 /	DEF AT -----	DEF AT 4
11830 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13510 /	DEF AT -----	DEF AT 5
13736 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 328	Date of Summary: 03-AUG-1987	First Sample Examined: 3690
Lease Number: G07414	Source of Paleo: OPERATOR	Borehole MD: 12655
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12653
API Well Number: 608044009200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 34
Paleo Report Num: 1 of 1	Sample Range: 3690 - 12665	Water Depth: 1997
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 /	DEF AT first sample examined	DEF AT 6
3691 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 6
3790 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 6
4630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
4690 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 6
4810 /	POS AT transported shelf fauna	DEF IN 6
5470 /	DEF AT - - - -	DEF AT 6
5770 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
5830 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
5890 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
6250 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7690 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
8470 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
8589 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
8590 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
8890 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
8985 /	POS AT transported shelf fauna	DEF AT 6
9623 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT 6
9721 /	DEF AT - - - -	DEF AT 6
9986 /	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT 6
10408 /	DEF AT Lower Miocene (Aquitanian) Cyclicargolithus abisectus	DEF AT 6
10600 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 328	Date of Summary: 03-AUG-1987	First Sample Examined: 3690
Lease Number: G07414	Source of Paleo: OPERATOR	Borehole MD: 12655
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12653
API Well Number: 608044009200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 34
Paleo Report Num: 1 of 1	Sample Range: 3690 - 12665	Water Depth: 1997
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10800 /	DEF AT Lower Miocene (Aquitanian) Helicosphaera recta	DEF AT 5
10878 /	DEF AT Upper Oligocene (Chattian) Sphenolithus ciperensis	DEF AT 5
10900 /	DEF AT Upper Oligocene (Chattian) Globigerina ciperensis ciperensis	DEF AT 5
11140 /	DEF AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 5
11200 /	DEF AT Lower Oligocene (Rupelian) Discoaster nodifer	DEF AT 5
11201 /	DEF AT Lower Oligocene (Rupelian) Sphenolithus predistentus	DEF AT 5
11620 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 5
12400 /	DEF AT Lower Oligocene (Rupelian) Reticulofenestra hillae	DEF AT 5
12665 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 397	Date of Summary: 26-JUL-1984	First Sample Examined: 2000
Lease Number: G06300	Source of Paleo: OPERATOR	Borehole MD: 11880
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11880
API Well Number: 608044006800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 2000 - 11880	Water Depth: 847
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF AT first sample examined	DEF IN 5
2001 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
2030 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
2120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
2210 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
2300 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
2509 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
2510 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
2540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
2809 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
2810 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
2870 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
2900 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
3410 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
3740 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
3890 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
3920 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
4070 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
4099 /	DEF AT foram flood	DEF AT 5
4100 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
4190 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
4640 /	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 397	Date of Summary: 26-JUL-1984	First Sample Examined: 2000
Lease Number: G06300	Source of Paleo: OPERATOR	Borehole MD: 11880
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11880
API Well Number: 608044006800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 2000 - 11880	Water Depth: 847
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
4908 /	DEF AT foram flood	DEF AT 5
4909 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
4910 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
5090 /	DEF AT pyrite	DEF AT 5
5120 /	DEF AT local marker foram increase	DEF AT 5
5390 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
6110 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
6770 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
7970 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
8030 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
8090 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
8240 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
8360 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9740 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
9920 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10280 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
10849 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
10850 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
11360 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
11880 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 21-AUG-1984	First Sample Examined: 3530
Lease Number: G06302	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6494
API Well Number: 608044006400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 3	Sample Range: 3530 - 6500	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 5
3531 / 3531	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
3710 / 3710	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
4100 / 4100	DEF AT - - - - -	DEF AT 6
4160 / 4160	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
4520 / 4520	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
4850 / 4850	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
5810 / 5810	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
6500 / 6494	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 08-SEP-1984	First Sample Examined: 3550
Lease Number: G06302	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 6494
API Well Number: 608044006400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 2 of 3	Sample Range: 3550 - 6500	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
3550 / 3550	DEF AT first sample examined	DEF AT 5
3551 / 3551	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
3710 / 3710	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 5
4010 / 4010	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
4160 / 4160	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 6
4250 / 4250	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 6
4340 / 4340	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 6
4431 / 4431	DEF AT unconformity	DEF AT 6
4550 / 4550	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
4610 / 4610	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
4670 / 4670	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT 6
5060 / 5060	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 6
6500 / 6494	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 15-MAR-1989	First Sample Examined: 3530
Lease Number: G06302	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6500
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 6494
API Well Number: 608044006400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 3 of 3	Sample Range: 3530 - 6500	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 5
3531 / 3531	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
3560 / 3560	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
3590 / 3590	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
3710 / 3710	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
3830 / 3830	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 6
3950 / 3950	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
4160 / 4160	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
4220 / 4220	POS AT unconformity	DEF AT
4280 / 4280	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 6
4460 / 4460	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
4520 / 4520	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
4610 / 4610	DEF AT glauconite	DEF AT 6
4700 / 4700	POS AT unconformity	DEF AT 6
4760 / 4760	DEF AT cement	DEF AT 6
4850 / 4850	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
5240 / 5240	DEF AT local marker foram increase	DEF AT 6
5270 / 5270	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
5810 / 5810	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
6500 / 6494	DEF AT last sample examined	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 21-AUG-1984	First Sample Examined: 5600
Lease Number: G06302	Source of Paleo: OPERATOR	Borehole MD: 14035
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12778
API Well Number: 608044006401	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 3	Sample Range: 5600 - 14030	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5600	DEF AT first sample examined	DEF AT
5601 / 5601	DEF AT cement	DEF AT
7220 / 7066	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
10940 / 10142	DEF IN Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 6
14030 / 12775	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 08-SEP-1984	First Sample Examined: 5600
Lease Number: G06302	Source of Paleo: OPERATOR	Borehole MD: 14035
Well Name: 001	Paleo Done By: MICRO-STRAT	Borehole TVD: 12778
API Well Number: 608044006401	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 2 of 3	Sample Range: 5600 - 14030	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6500 / 6444	DEF AT first sample examined	DEF AT 6
6501 / 6444	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 6
7310 / 7146	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 6
8210 / 7904	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT 6
8660 / 8280	DEF AT Lower Miocene (Burdigalian) Triquetrorhabdulus carinatus	DEF AT 6
13580 / 12398	DEF AT Upper Oligocene (Chattian) Sphenolithus delphix	DEF AT 6
14030 / 12775	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 15-MAR-1989	First Sample Examined: 5600
Lease Number: G06302	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14035
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 12778
API Well Number: 608044006401	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 3 of 3	Sample Range: 5600 - 14030	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5600	DEF AT first sample examined	DEF AT 5
5601 / 5601	DEF AT cement	DEF AT 5
5630 / 5630	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
5660 / 5660	DEF AT cement	POS AT 6
5780 / 5779	POS IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
7040 / 6909	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
7220 / 7066	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
7790 / 7557	DEF AT oxidized shale	DEF AT 6
7791 / 7558	DEF AT glauconite	DEF AT 6
8240 / 7929	DEF AT local marker (general)	DEF AT 6
8270 / 7954	DEF AT glauconite	DEF AT 6
8780 / 8378	POS AT unconformity	DEF AT 6
8870 / 8449	DEF AT sand	DEF AT 6
8989 / 8542	DEF AT oxidized shale	DEF AT 6
8990 / 8542	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 6
9380 / 8850	DEF AT glauconite	DEF AT 6
9800 / 9197	DEF AT local marker foram decrease	DEF AT 6
9950 / 9327	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 6
10100 / 9453	DEF AT calcite	DEF AT 6
10160 / 9501	DEF AT cement	POS AT 6
10310 / 9623	DEF AT oxidized shale	DEF AT 6
10460 / 9744	DEF AT calcite	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EB 404	Date of Summary: 15-MAR-1989	First Sample Examined: 5600
Lease Number: G06302	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14035
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 12778
API Well Number: 608044006401	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 3 of 3	Sample Range: 5600 - 14030	Water Depth: 1976
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
10461 / 9745	POS AT fault	DEF AT 6
10580 / 9843	DEF AT local marker planktic foram increase	DEF AT 6
10880 / 10092	POS AT oxidized shale	DEF AT 6
10910 / 10117	DEF AT local marker foram increase	DEF AT 6
10940 / 10142	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 6
11149 / 10319	DEF AT Bathysiphon fauna	DEF AT 6
11150 / 10320	DEF IN Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 6
12290 / 11301	POS AT unconformity	DEF AT 6
12291 / 11302	DEF AT oxidized shale	DEF AT 6
12560 / 11531	DEF AT Bathysiphon fauna	DEF AT 6
13130 / 12012	DEF AT pyrite	DEF AT 6
13580 / 12398	DEF AT local marker planktic foram increase	DEF AT 6
13730 / 12526	DEF AT calcite	DEF AT 6
14029 / 12774	DEF AT Bathysiphon fauna	DEF AT 6
14030 / 12775	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 14	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: G01440	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15576
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15576
API Well Number: 177030033100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 13-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9213 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11727 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13699 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 14	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G01440	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13238
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 12834
API Well Number: 177032004300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 13-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9530 / 9271	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12110 / 11733	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 14	Date of Summary: 17-JAN-1977	First Sample Examined: 0
Lease Number: G01864	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177034011000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 04-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7535 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10737 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11910 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 15	Date of Summary: 30-SEP-1983	First Sample Examined: 1000
Lease Number: G03526	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17300
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17300
API Well Number: 177034015300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 17290	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 1
1060 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5470 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5890 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6280 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 2
6670 /	DEF AT local marker foram decrease	DEF IN 2
7090 /	DEF AT foram flood	DEF IN 2
7330 /	DEF AT local marker foram decrease	DEF IN 2
7420 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7720 /	DEF AT local marker planktic foram increase	DEF AT 3
8290 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8320 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
8410 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
9069 /	DEF AT foram flood	DEF AT 3
9070 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
9160 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9460 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
9700 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9850 /	DEF AT local marker planktic foram increase	DEF AT 3
10420 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11740 /	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 15	Date of Summary: 30-SEP-1983	First Sample Examined: 1000
Lease Number: G03526	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17300
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17300
API Well Number: 177034015300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 17290	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11830 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12070 /	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 3
12730 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 3
12910 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13090 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF IN 3
14620 /	DEF AT local marker benthic foram increase	DEF IN 3
15280 /	DEF AT poor sample interval top	POS IN 3
17289 /	DEF AT poor sample interval bottom	DEF IN 3
17290 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 16	Date of Summary: 17-JAN-1983	First Sample Examined: 0
Lease Number: G04413	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15707
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15707
API Well Number: 177034037600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6030 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
7280 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7723 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7955 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8598 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9468 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9602 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10774 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11943 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13371 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 23	Date of Summary: 20-FEB-1979	First Sample Examined: 5600
Lease Number: G02853	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14352
Well Name: CA001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 14352
API Well Number: 177034011200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 5600 - 14320	Water Depth: 35
Public Info Code: Y 15-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 /	DEF AT first sample examined	DEF AT 2
5601 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5630 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
6510 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6780 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7120 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7660 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
7700 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8080 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
8140 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
8350 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
8470 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
8650 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
9190 /	DEF AT local marker benthic foram increase	DEF AT 3
9340 /	DEF AT pyrite	DEF AT 3
9600 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
10060 /	DEF AT local marker benthic foram increase	DEF AT 3
10300 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
10330 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10690 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11110 /	DEF AT local marker planktic foram increase	DEF AT 3
11650 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 23	Date of Summary: 20-FEB-1979	First Sample Examined: 5600
Lease Number: G02853	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14352
Well Name: CA001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 14352
API Well Number: 177034011200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 5600 - 14320	Water Depth: 35
Public Info Code: Y 15-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12520 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12820 /	DEF AT local marker foram decrease	DEF AT 3
12880 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13240 /	DEF AT faunal change (no faunal increase)	DEF IN 4
14320 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 24	Date of Summary: 25-SEP-1994	First Sample Examined: 0
Lease Number: 00689	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11764
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11764
API Well Number: 177032002000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 12-MAR-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6680 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8856 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12100 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 27	Date of Summary: 02-FEB-1978	First Sample Examined: 440
Lease Number: G03528	Source of Paleo: OPERATOR	Borehole MD: 9020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9020
API Well Number: 177034014600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 440 - 9020	Water Depth: 39
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
440 /	DEF AT first sample examined	DEF AT 0
441 /	DEF AT non-marine sediment	DEF AT 0
3650 /	DEF AT - - - - -	DEF AT 1
4340 /	DEF AT local marker benthic foram increase	DEF AT 1
5030 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5390 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
5810 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5840 /	DEF AT - - - - -	DEF AT 1
5930 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
6770 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
7100 /	DEF AT - - - - -	DEF AT 2
7130 /	DEF AT - - - - -	DEF AT 1
7490 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7520 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7610 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7670 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
7910 /	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
7940 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8000 /	DEF AT - - - - -	DEF AT 2
8030 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8060 /	DEF AT sample gap top	POS AT 2
8540 /	DEF AT sample gap bottom	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 27	Date of Summary: 02-FEB-1978	First Sample Examined: 440
Lease Number: G03528	Source of Paleo: OPERATOR	Borehole MD: 9020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9020
API Well Number: 177034014600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 440 - 9020	Water Depth: 39
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8840 /	DEF AT - - - - -	DEF AT 1
9020 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 30	Date of Summary: 29-SEP-1983	First Sample Examined: 0
Lease Number: G05021	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8005
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8005
API Well Number: 177034042700	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 31-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6010 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6970 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7450 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7720 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 33	Date of Summary: 02-FEB-1971	First Sample Examined: 0
Lease Number: G01972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12635
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12635
API Well Number: 177032003600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 27-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5610 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
6360 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
7300 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9220 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10410 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11845 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 33	Date of Summary: 23-JAN-1973	First Sample Examined: 0
Lease Number: G01972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11637
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11637
API Well Number: 177032004500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 08-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7230 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8270 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9300 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10096 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11580 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 33	Date of Summary: 25-APR-1972	First Sample Examined: 0
Lease Number: G01972	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13100
Well Name: CF003	Paleo Done By: OPERATOR	Borehole TVD: 12678
API Well Number: 177032005000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 16-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 / 6290	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8565 / 8231	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10500 / 10157	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11510 / 11167	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12506 / 12163	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 33	Date of Summary: 18-MAR-1974	First Sample Examined: 6200
Lease Number: G02127	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12723
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11967
API Well Number: 177032004900	Drilling Operator: CONOCO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 6200 - 12710	Water Depth: 41
Public Info Code: Y 30-MAR-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6200 / 6021	DEF AT first sample examined	DEF AT 3
6201 / 6022	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
6590 / 6378	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7100 / 6839	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7700 / 7385	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8030 / 7689	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8690 / 8295	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8720 / 8322	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8900 / 8484	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9200 / 8752	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
9230 / 8779	DEF AT glauconite	DEF AT 4
10760 / 10181	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
11000 / 10401	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11930 / 11249	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12500 / 11774	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
12710 / 11967	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 35	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G05189	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10560
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10224
API Well Number: 177034044300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5370 / 5370	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6600 / 6600	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6960 / 6960	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7530 / 7530	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8160 / 8153	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8640 / 8611	DEF AT local marker (general)	DEF AT
8730 / 8695	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9030 / 8972	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10010 / 9773	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 38	Date of Summary: 04-NOV-1974	First Sample Examined: 0
Lease Number: G02562	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11389
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11389
API Well Number: 177034007100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 14-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6420 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7020 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7740 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8340 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8940 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9210 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10070 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 38	Date of Summary: 06-DEC-1976	First Sample Examined: 0
Lease Number: G02562	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10159
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9401
API Well Number: 177034010500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 18-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5892 / 5519	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6469 / 6043	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7392 / 6890	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7913 / 7373	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8659 / 8053	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8912 / 8282	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9608 / 8907	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
9738 / 9024	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9825 / 9103	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
10085 / 9336	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 38	Date of Summary: 30-JUL-1979	First Sample Examined: 0
Lease Number: G02562	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9198
API Well Number: 177034008000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 27-SEP-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7300 / 7299	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7740 / 7739	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9020 / 9018	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 38	Date of Summary: 02-JAN-1979	First Sample Examined: 0
Lease Number: G02563	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11439
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11364
API Well Number: 177034018800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7980 / 7906	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8610 / 8536	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9330 / 9256	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10590 / 10515	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
11130 / 11055	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11280 / 11205	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 42	Date of Summary: 27-JUL-1974	First Sample Examined: 5000
Lease Number: G00931	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11505
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11505
API Well Number: 177030004900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10670	Water Depth: 37
Public Info Code: Y 28-SEP-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	POS AT 2
6380 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6470 /	DEF AT local marker foram decrease	DEF AT 2
6890 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7130 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7250 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8420 /	POS AT local marker foram increase	DEF IN 2
8450 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
8510 /	DEF AT local marker foram decrease	DEF IN 2
8930 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
8960 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9020 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9410 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
10159 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10160 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10670 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 42	Date of Summary: 07-AUG-1974	First Sample Examined: 7000
Lease Number: G00931	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14114
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14114
API Well Number: 177030027700	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 7000 - 14100	Water Depth: 37
Public Info Code: Y 28-SEP-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	DEF AT 2
7001 /	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 2
7060 /	DEF AT local marker foram decrease	DEF AT 2
7480 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8000 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
8140 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
8710 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
9340 /	DEF AT local marker benthic foram increase	DEF AT 2
10090 /	DEF AT local marker foram increase	DEF IN 2
10240 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
10600 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10720 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
10750 /	DEF AT local marker foram decrease	DEF AT 3
10840 /	DEF AT local marker foram increase	DEF AT 3
11410 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12270 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
13650 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13770 /	DEF AT local marker benthic foram increase	DEF IN 3
13830 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF IN 3
14100 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 43	Date of Summary: 03-DEC-1985	First Sample Examined: 0
Lease Number: G04414	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7900
API Well Number: 177034051900	Drilling Operator: HOMESTAKE SULPHUR COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 15-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6070 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
6850 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7590 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 51	Date of Summary: 27-MAY-1969	First Sample Examined: 0
Lease Number: G00933	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16316
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16316
API Well Number: 177030032600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 26-NOV-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4480 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
5670 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6068 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6459 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7350 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8250 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8819 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9646 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9818 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11186 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12530 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14765 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 51	Date of Summary: 13-FEB-1981	First Sample Examined: 0
Lease Number: G03974	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11231
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11231
API Well Number: 177034033700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7740 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8310 /	DEF AT - - - - -	DEF AT 3
9360 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
9810 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10050 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 51	Date of Summary: 27-FEB-1984	First Sample Examined: 0
Lease Number: G03974	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15800
API Well Number: 177034043100	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9440 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10070 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11180 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12860 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
15530 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 55	Date of Summary: 10-APR-1975	First Sample Examined: 5460
Lease Number: G02565	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16497
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16011
API Well Number: 177034007200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 5460 - 16396	Water Depth: 40
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5460 / 5460	DEF AT first sample examined	DEF AT
5461 / 5461	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8910 / 8910	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9450 / 9450	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9750 / 9750	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11850 / 11849	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12750 / 12749	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
16396 / 15987	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 57	Date of Summary: 01-DEC-1976	First Sample Examined: 7880
Lease Number: G03289	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9899
API Well Number: 177034011400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 7880 - 9900	Water Depth: 52
Public Info Code: Y 10-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7880 / 7879	DEF AT first sample examined	DEF AT
8468 / 8467	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9008 / 9007	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9680 / 9679	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9900 / 9899	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 57	Date of Summary: 29-OCT-1976	First Sample Examined: 7210
Lease Number: G03289	Source of Paleo: OPERATOR	Borehole MD: 14950
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 14950
API Well Number: 177034010100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 7210 - 14955	Water Depth: 52
Public Info Code: Y 06-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7210 /	DEF AT first sample examined	DEF AT
8380 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9140 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9680 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10370 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12640 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14955 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 61	Date of Summary: 27-FEB-1984	First Sample Examined: 0
Lease Number: G05360	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9450
API Well Number: 177034045500	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 24-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8800 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9400 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 62	Date of Summary: 14-SEP-1984	First Sample Examined: 0
Lease Number: G05361	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9495
API Well Number: 177034045700	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 24-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6349 / 6123	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9931 / 9179	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 66	Date of Summary: 04-OCT-1969	First Sample Examined: 0
Lease Number: 00090	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177032001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 03-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6588 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6970 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7959 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9660 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10472 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 81	Date of Summary: 25-APR-1972	First Sample Examined: 0
Lease Number: G01477	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11512
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11512
API Well Number: 177034004300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 25-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6485 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7032 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8682 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9642 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9922 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10650 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 81	Date of Summary: 24-FEB-1972	First Sample Examined: 0
Lease Number: G01477	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 177034001000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 27-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8910 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
10050 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10680 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11730 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12570 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12840 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
14490 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
16490 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
16610 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 81	Date of Summary: 07-MAR-1972	First Sample Examined: 6905
Lease Number: G01477	Source of Paleo: OPERATOR	Borehole MD: 12934
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 12663
API Well Number: 177034003800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 6905 - 12934	Water Depth: 50
Public Info Code: Y 06-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6905 / 6904	DEF AT first sample examined	DEF AT
6906 / 6905	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
7555 / 7554	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8882 / 8881	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9964 / 9962	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10850 / 10831	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11765 / 11693	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12934 / 12681	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 82	Date of Summary: 23-OCT-1977	First Sample Examined: 6290
Lease Number: 00407	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177030025100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6290 - 14980	Water Depth: 60
Public Info Code: Y 08-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6290 /	DEF AT first sample examined	DEF AT
8090 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8720 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8721 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9950 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11620 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13260 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
14980 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 83	Date of Summary: 10-JAN-1980	First Sample Examined: 10280
Lease Number: G01478	Source of Paleo: OPERATOR	Borehole MD: 19539
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 19539
API Well Number: 177034021000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10280 - 19500	Water Depth: 38
Public Info Code: Y 04-APR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10280 /	DEF AT first sample examined	DEF IN 2
10370 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10460 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 2
11394 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	POS AT 3
11610 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
12868 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	POS AT 4
13288 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	POS AT 4
13940 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	POS IN 4
14240 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	POS IN 4
14940 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	POS IN 4
16716 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	POS IN 4
17120 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	POS IN 4
17150 /	DEF AT sample gap top	POS IN 4
18754 /	DEF AT sample gap bottom	POS IN 4
18755 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	POS IN 4
19478 /	POS AT Middle Miocene (Langhian) Cibicides 38	POS IN 4
19500 /	DEF AT last sample examined	POS IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 90	Date of Summary: 04-JUN-1985	First Sample Examined: 0
Lease Number: G04204	Source of Paleo: OPERATOR	Borehole MD: 11515
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177034034500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7960 / 7957	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9920 / 9911	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10520 / 10510	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 5
10790 / 10779	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 94	Date of Summary: 16-JAN-1978	First Sample Examined: 3960
Lease Number: G03531	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13424
API Well Number: 177034014500	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 3960 - 13500	Water Depth: 65
Public Info Code: Y 21-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3960 / 3960	DEF AT first sample examined	DEF IN 2
5460 / 5459	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
6690 / 6689	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
6750 / 6749	DEF AT - - - - -	DEF AT 3
8100 / 8098	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8430 / 8428	DEF AT - - - - -	DEF AT 4
9510 / 9507	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9900 / 9896	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11220 / 11214	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
11550 / 11542	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12120 / 12100	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
12450 / 12420	DEF AT - - - - -	DEF AT 5
12750 / 12708	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
12900 / 12853	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
13500 / 13424	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 94	Date of Summary: 01-JUN-1978	First Sample Examined: 3690
Lease Number: G03531	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13424
API Well Number: 177034014500	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3690 - 13500	Water Depth: 65
Public Info Code: Y 21-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3690	DEF AT first sample examined	POS AT 2
5460 / 5459	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6720 / 6719	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7440 / 7438	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
7590 / 7588	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7620 / 7618	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
8100 / 8098	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8430 / 8428	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
8629 / 8627	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8700 / 8698	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9390 / 9387	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
9510 / 9507	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9870 / 9866	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11100 / 11095	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 4
11220 / 11214	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
11670 / 11660	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12120 / 12100	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
12390 / 12362	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
12450 / 12420	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
12660 / 12622	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
12780 / 12737	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
12900 / 12853	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 94	Date of Summary: 01-JUN-1978	First Sample Examined: 3690
Lease Number: G03531	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13424
API Well Number: 177034014500	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 3690 - 13500	Water Depth: 65
Public Info Code: Y 21-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13080 / 13025	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13500 / 13424	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 94	Date of Summary: 01-OCT-1982	First Sample Examined: 4672
Lease Number: G03531	Source of Paleo: OPERATOR	Borehole MD: 11950
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10344
API Well Number: 177034040600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 4672 - 11810	Water Depth: 60
Public Info Code: Y 21-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4672 / 4672	DEF AT first sample examined	DEF AT 2
5301 / 5293	DEF AT sample gap top	POS AT 2
6600 / 6466	DEF AT sample gap bottom	DEF AT 2
7280 / 6990	DEF AT sample gap top	POS AT 2
7399 / 7083	DEF AT sample gap bottom	DEF AT 3
7400 / 7084	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7640 / 7273	DEF AT - - - - -	DEF AT 2
7730 / 7344	DEF AT - - - - -	DEF AT 3
7860 / 7448	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8456 / 7910	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8549 / 7977	DEF AT - - - - -	DEF AT 2
8825 / 8175	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 4
8826 / 8175	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8964 / 8273	DEF AT - - - - -	DEF AT 3
9271 / 8482	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9715 / 8786	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
10046 / 9014	DEF AT sample gap top	POS AT 4
10123 / 9067	DEF AT sample gap bottom	DEF AT 4
10124 / 9068	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10459 / 9302	DEF AT sample gap top	POS AT 4
10760 / 9515	DEF AT sample gap bottom	DEF AT 4
10851 / 9579	DEF AT sample gap top	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 94	Date of Summary: 01-OCT-1982	First Sample Examined: 4672
Lease Number: G03531	Source of Paleo: OPERATOR	Borehole MD: 11950
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10344
API Well Number: 177034040600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 4672 - 11810	Water Depth: 60
Public Info Code: Y 21-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11005 / 9688	DEF AT sample gap bottom	DEF AT 4
11167 / 9803	DEF AT drilling material	POS AT 4
11510 /	DEF AT - - - - -	DEF AT 4
11810 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 105	Date of Summary: 16-MAR-1981	First Sample Examined: 300
Lease Number: G04205	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177034035700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 300 - 12000	Water Depth: 66
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 /	DEF AT first sample examined	DEF AT 1
4020 /	DEF AT - - - - -	DEF AT 2
4050 /	DEF AT - - - - -	DEF AT 1
5010 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
5011 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5460 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
5730 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6450 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7170 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7800 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8130 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8550 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8640 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8700 /	DEF AT - - - - -	DEF AT 3
8820 /	DEF AT - - - - -	DEF AT 2
8970 /	POS AT deepwater facies Listerella fauna	DEF AT 3
9720 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
9930 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9960 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
10910 /	DEF AT local marker foram decrease	DEF AT 3
11490 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
12000 /	DEF AT last sample examined	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 118	Date of Summary: 29-MAY-1973	First Sample Examined: 2650
Lease Number: G00938	Source of Paleo: OPERATOR	Borehole MD: 6892
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6892
API Well Number: 177034005600	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2650 - 6890	Water Depth: 66
Public Info Code: Y 30-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2650 /	DEF AT first sample examined	DEF AT 2
4720 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5020 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6530 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6800 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
6890 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 118	Date of Summary: 28-JUN-1973	First Sample Examined: 4900
Lease Number: G00938	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6500
API Well Number: 177034006100	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 4900 - 6500	Water Depth: 65
Public Info Code: Y 30-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4900 /	DEF AT first sample examined	DEF AT 3
4901 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5079 /	DEF AT Eggerella sp. (local marker)	DEF IN 4
5080 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 4
5474 /	DEF AT Cyclammina sp. (local marker)	DEF IN 4
6479 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 4
6480 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
6500 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 118	Date of Summary: 20-JUN-1973	First Sample Examined: 3150
Lease Number: G01974	Source of Paleo: OPERATOR	Borehole MD: 6522
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6522
API Well Number: 177034005900	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 3150 - 6420	Water Depth: 65
Public Info Code: Y 10-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3150 /	DEF AT first sample examined	POS AT 1
3151 /	DEF AT cement	POS AT 1
3300 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4220 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4830 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5370 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
6090 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6420 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 121	Date of Summary: 16-SEP-1980	First Sample Examined: 2860
Lease Number: G03295	Source of Paleo: OPERATOR	Borehole MD: 11058
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11058
API Well Number: 177034034400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2860 - 11060	Water Depth: 69
Public Info Code: Y 24-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2860 /	DEF AT first sample examined	DEF AT 1
2861 /	DEF AT cement	DEF AT 1
4710 /	DEF AT - - - - -	DEF AT 2
5509 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
5510 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6470 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
7370 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8360 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8810 /	DEF AT cement	POS AT 4
8960 /	DEF AT - - - - -	DEF AT 3
9230 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9589 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
9590 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10100 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
11060 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 125	Date of Summary: 01-APR-1982	First Sample Examined: 3830
Lease Number: G04780	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9994
API Well Number: 177034039000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3830 - 9980	Water Depth: 72
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3830 /	DEF AT first sample examined	DEF AT 2
4640 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6800 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
6801 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
6950 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7220 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
7520 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
7670 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
7820 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
8400 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
8540 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8690 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9590 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9980 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 125	Date of Summary: 01-APR-1982	First Sample Examined: 8490
Lease Number: G04780	Source of Paleo: OPERATOR	Borehole MD: 10034
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9888
API Well Number: 177034039001	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 8490 - 8520	Water Depth: 72
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8490 / 8486	DEF AT poor sample interval top	DEF AT
9720 / 9616	DEF AT poor sample interval bottom	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 128	Date of Summary: 01-APR-1978	First Sample Examined: 7040
Lease Number: G03533	Source of Paleo: OPERATOR	Borehole MD: 10100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10100
API Well Number: 177034015000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 7040 - 10100	Water Depth: 74
Public Info Code: Y 27-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7040 /	DEF AT first sample examined	DEF AT
7200 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10100 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 136	Date of Summary: 06-DEC-1984	First Sample Examined: 0
Lease Number: G06623	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177034049100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 83
Public Info Code: Y 08-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6927 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7635 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8379 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
8950 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10630 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 160	Date of Summary: 19-APR-1985	First Sample Examined: 9010
Lease Number: 00541	Source of Paleo: OPERATOR	Borehole MD: 12238
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12238
API Well Number: 177030030000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 9010 - 12240	Water Depth: 85
Public Info Code: Y 09-JUN-1978	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 /	DEF AT first sample examined	DEF AT 2
9011 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
12070 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
12240 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 179	Date of Summary: 28-APR-1971	First Sample Examined: 5100
Lease Number: G02033	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14000
API Well Number: 177034000700	Drilling Operator: CONOCO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5100 - 13960	Water Depth: 95
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5100 /	DEF AT first sample examined	POS AT 1
5101 /	DEF AT cement	POS AT 1
5250 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
6270 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
8440 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10090 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11890 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
12130 /	DEF AT - - - - -	DEF AT 2
12969 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
12970 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
13330 /	DEF AT - - - - -	DEF AT 2
13960 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 182	Date of Summary: 07-SEP-1971	First Sample Examined: 7990
Lease Number: G02034	Source of Paleo: OPERATOR	Borehole MD: 12740
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12740
API Well Number: 177034000200	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 7990 - 12730	Water Depth: 101
Public Info Code: Y 31-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7990 /	DEF AT first sample examined	DEF IN 2
8710 /	POS AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF IN 2
8920 /	DEF AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 3
9340 /	DEF AT local marker benthic foram increase	DEF AT 3
9490 /	DEF AT <i>Eggerella 3</i> (local marker)	DEF AT 3
9820 /	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 3
10300 /	DEF AT Upper Miocene (Messinian) <i>Textularia "X"</i>	DEF AT 4
10420 /	DEF AT Upper Miocene (Messinian) <i>Siphogenerina lamellata</i> (acme)	DEF AT 4
10630 /	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 4
10990 /	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 4
11470 /	DEF AT Upper Miocene (Tortonian) <i>Planulina renzi</i>	DEF AT 4
12730 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 185	Date of Summary: 03-AUG-1971	First Sample Examined: 10320
Lease Number: G02035	Source of Paleo: OPERATOR	Borehole MD: 12338
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11620
API Well Number: 177034000800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10320 - 12330	Water Depth: 99
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10320 / 9687	DEF AT first sample examined	DEF AT
12060 / 11361	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12330 / 11622	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 185	Date of Summary: 31-AUG-1971	First Sample Examined: 8960
Lease Number: G02035	Source of Paleo: OPERATOR	Borehole MD: 13339
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13339
API Well Number: 177034002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8960 - 13340	Water Depth: 99
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 /	DEF AT first sample examined	DEF AT
11510 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13340 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 185	Date of Summary: 29-OCT-1971	First Sample Examined: 9280
Lease Number: G02035	Source of Paleo: OPERATOR	Borehole MD: 13950
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13725
API Well Number: 177034002800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 9280 - 13950	Water Depth: 99
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9280 / 9268	DEF AT first sample examined	DEF AT
11480 / 11408	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13950 / 13725	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 185	Date of Summary: 14-FEB-1972	First Sample Examined: 9930
Lease Number: G02035	Source of Paleo: OPERATOR	Borehole MD: 14250
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13577
API Well Number: 177034003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9930 - 14240	Water Depth: 99
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9930 / 9538	DEF AT first sample examined	DEF AT
11880 / 11338	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14240 / 13571	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 188	Date of Summary: 21-DEC-1969	First Sample Examined: 6230
Lease Number: G00951	Source of Paleo: OPERATOR	Borehole MD: 10530
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10530
API Well Number: 177030023900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6230 - 10310	Water Depth: 92
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6230 /	DEF AT first sample examined	DEF AT
7670 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9200 /	DEF AT local marker benthic foram increase	DEF AT
10190 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 5
10308 /	DEF AT gouge	DEF AT 6
10309 /	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
10310 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 188	Date of Summary: 25-FEB-1970	First Sample Examined: 10000
Lease Number: G00951	Source of Paleo: OPERATOR	Borehole MD: 12157
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12157
API Well Number: 177030027300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 10000 - 12157	Water Depth: 92
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT 3
10060 /	DEF AT -----	DEF IN 3
10150 /	DEF AT -----	DEF AT 3
10450 /	DEF AT -----	DEF IN 3
11740 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12040 /	DEF AT -----	DEF AT 7
12157 /	DEF AT last sample examined	DEF AT 7

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 190	Date of Summary: 02-NOV-1969	First Sample Examined: 8000
Lease Number: G00953	Source of Paleo: OPERATOR	Borehole MD: 12564
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11513
API Well Number: 177030025900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 8000 - 12530	Water Depth: 90
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7427	DEF AT first sample examined	DEF AT
8630 / 7987	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9620 / 8891	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
11300 / 10393	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
11630 / 10687	DEF AT glauconite	DEF AT
12230 / 11224	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12530 / 11492	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 199	Date of Summary: 29-DEC-1971	First Sample Examined: 4500
Lease Number: G02036	Source of Paleo: OPERATOR	Borehole MD: 12398
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12398
API Well Number: 177034000500	Drilling Operator: PENNZOIL OIL & GAS INC	Rkb Elevation: 127
Paleo Report Num: 1 of 1	Sample Range: 4500 - 12398	Water Depth: 109
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF IN 2
5520 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
6450 /	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF IN 2
8160 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8430 /	DEF AT Eggerella 3 (local marker)	DEF AT 3
9120 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9330 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
9990 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10470 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10590 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
10610 /	DEF AT Bathysiphon fauna	DEF AT 4
10730 /	DEF AT local marker foram decrease	DEF AT 4
10850 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
11329 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
11330 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11780 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsidis disjuncta	DEF AT 5
12398 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 205	Date of Summary: 30-JUL-1969	First Sample Examined: 7500
Lease Number: G00960	Source of Paleo: OPERATOR	Borehole MD: 11110
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11110
API Well Number: 177030021100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 30-MAY-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 /	DEF AT first sample examined	DEF AT
11100 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 222	Date of Summary: 10-SEP-1984	First Sample Examined: 6061
Lease Number: G02037	Source of Paleo: OPERATOR	Borehole MD: 11957
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11957
API Well Number: 177034006000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3500 - 11957	Water Depth: 120
Public Info Code: Y 12-OCT-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6061 / 6059	DEF AT first sample examined	DEF AT
6520 / 6518	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10480 / 10477	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11957 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 226	Date of Summary: 22-AUG-1984	First Sample Examined: 2500
Lease Number: G05384	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9200
API Well Number: 177034047900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 2500 - 9250	Water Depth: 118
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT first sample examined	DEF IN 2
5920 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
6160 /	DEF AT - - - - -	DEF AT 3
6430 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6700 /	DEF AT - - - - -	DEF AT 4
9220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9250 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 230	Date of Summary: 10-JUL-1969	First Sample Examined: 3050
Lease Number: G00967	Source of Paleo: OPERATOR	Borehole MD: 9558
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9557
API Well Number: 177030021000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3050 - 9540	Water Depth: 131
Public Info Code: Y 04-JUN-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 /	DEF AT first sample examined	DEF AT
3051 /	POS IN Pleistocene	DEF AT
8860 /	POS IN Pliocene	DEF AT
9540 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 231	Date of Summary: 30-JUL-1971	First Sample Examined: 3500
Lease Number: G02038	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10543
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10543
API Well Number: 177034000100	Drilling Operator: SOUTHERN PRODUCTION COMPANY IN	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 3500 - 10516	Water Depth: 117
Public Info Code: Y 07-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF AT 1
3501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5840 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
6080 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6380 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7100 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7520 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7730 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8690 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9260 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9800 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9830 /	DEF AT Bathysiphon fauna	DEF AT 5
10100 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
10280 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10516 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 231	Date of Summary: 21-MAY-1971	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9914
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9914
API Well Number: 177034000400	Drilling Operator: SOUTHERN PRODUCTION COMPANY IN	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 15-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6088 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9888 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 231	Date of Summary: 28-APR-1971	First Sample Examined: 0
Lease Number: G02038	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10613
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10613
API Well Number: 177034000900	Drilling Operator: SOUTHERN PRODUCTION COMPANY IN	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 121
Public Info Code: Y 23-MAY-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6234 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 231	Date of Summary: 25-JUL-1975	First Sample Examined: 8010
Lease Number: G02038	Source of Paleo: OPERATOR	Borehole MD: 10562
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9929
API Well Number: 177034007500	Drilling Operator: SOUTHERN PRODUCTION COMPANY IN	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8010 - 10558	Water Depth: 119
Public Info Code: Y 20-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7635	DEF AT first sample examined	DEF AT 4
8011 / 7636	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10519 / 9936	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10558 / 9971	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 231	Date of Summary: 05-FEB-1976	First Sample Examined: 8990
Lease Number: G02038	Source of Paleo: OPERATOR	Borehole MD: 11696
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10916
API Well Number: 177034009000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8990 - 10548	Water Depth: 119
Public Info Code: Y 05-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8427	DEF AT first sample examined	DEF AT 4
8991 / 8428	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9170 / 8593	DEF AT local marker (general)	DEF AT 4
10548 / 9866	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 231	Date of Summary: 18-JUN-1976	First Sample Examined: 8010
Lease Number: G02038	Source of Paleo: OPERATOR	Borehole MD: 11731
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10247
API Well Number: 177034009900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8010 - 11731	Water Depth: 119
Public Info Code: Y 13-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7029	DEF AT first sample examined	DEF IN 4
10110 / 8828	DEF AT local marker (general)	DEF IN 4
11720 / 10243	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 4
11731 / 10253	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 234	Date of Summary: 10-JAN-1970	First Sample Examined: 266
Lease Number: G00969	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10655
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 10655
API Well Number: 177032001600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 266 - 10629	Water Depth: 145
Public Info Code: Y 18-DEC-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
266 /	DEF AT first sample examined	POS AT 2
310 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3427 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 2
4846 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5423 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6352 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 2
6900 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8250 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8383 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8471 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
8472 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
9676 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
9988 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10629 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 234	Date of Summary: 21-APR-1970	First Sample Examined: 300
Lease Number: G00969	Source of Paleo: OPERATOR	Borehole MD: 13956
Well Name: A001	Paleo Done By: WAYNE CAMPBELL	Borehole TVD: 13956
API Well Number: 177030019100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 300 - 13950	Water Depth: 145
Public Info Code: Y 18-DEC-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF IN 1
2960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
6746 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 1
8504 /	DEF AT - - - - -	DEF AT 3
8854 /	DEF AT - - - - -	DEF AT 4
10291 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10335 /	DEF AT - - - - -	DEF AT 5
12864 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
13298 /	DEF AT - - - - -	DEF AT 6
13831 /	POS AT gouge	DEF AT 6
13950 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 236	Date of Summary: 06-FEB-1975	First Sample Examined: 1000
Lease Number: G02859	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 177044029300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13490	Water Depth: 155
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
2260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4580 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4819 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
4820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6050 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6110 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7729 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
7730 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8720 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
8750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8779 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8780 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
9110 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9530 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9980 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10100 /	DEF AT local marker deep water fauna	DEF AT 5
10310 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10790 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
11480 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11840 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
12080 /	DEF AT Bathysiphon fauna	DEF AT 5

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Area Block: EC 236	Date of Summary: 06-FEB-1975	First Sample Examined: 1000
Lease Number: G02859	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 177044029300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13490	Water Depth: 155
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12319 /	DEF AT Bathysiphon fauna	DEF AT 5
12320 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
12770 /	DEF AT Bathysiphon fauna	DEF AT 5
13220 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13250 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
13370 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 6
13490 /	DEF AT last sample examined	DEF AT 6

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End Date: 31-DEC-1987

Area Block: EC 236	Date of Summary: 07-DEC-1977	First Sample Examined: 1300
Lease Number: G02859	Source of Paleo: OPERATOR	Borehole MD: 13061
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11044
API Well Number: 177044039900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 2	Sample Range: 1300 - 12010	Water Depth: 155
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1300 / 1300	DEF AT first sample examined	DEF IN 2
1840 / 1839	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
3580 / 3432	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
5320 / 4784	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
8170 / 7009	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9340 / 7962	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
10180 / 8651	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10360 / 8800	DEF AT Eggerella 3 (local marker)	DEF AT 4
10690 / 9073	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11079 / 9402	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11080 / 9403	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
12010 / 10180	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 236	Date of Summary: 07-DEC-1977	First Sample Examined: 11990
Lease Number: G02859	Source of Paleo: OPERATOR	Borehole MD: 13061
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11044
API Well Number: 177044039900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 2 of 2	Sample Range: 11990 - 13040	Water Depth: 155
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11990 / 10164	DEF AT first sample examined	DEF AT 4
11991 / 10165	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
13040 / 11027	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 241	Date of Summary: 14-JUN-1985	First Sample Examined: 0
Lease Number: G06634	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11600
API Well Number: 177044060300	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 131
Public Info Code: Y 19-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7260 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7950 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9240 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9600 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 245	Date of Summary: 03-MAR-1970	First Sample Examined: 3180
Lease Number: G00970	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13146
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 13146
API Well Number: 177042000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 3000 - 11290	Water Depth: 140
Public Info Code: Y 30-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	POS AT 2
3180 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
3720 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3870 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4710 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5520 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5700 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
8580 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
9030 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10960 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
11020 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11290 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 245	Date of Summary: 04-MAR-1970	First Sample Examined: 10990
Lease Number: G00970	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13146
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 13146
API Well Number: 177042000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 10420 - 13141	Water Depth: 140
Public Info Code: Y 30-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
10420 /	DEF AT first sample examined	DEF AT 5
10930 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10960 /	DEF IN Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 5
10990 /	POS AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 5
11050 /	POS AT Lower Pliocene (Zanclian) <i>Sphaeroidinellopsis multiloba</i>	DEF AT 5
12290 /	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 5
13141 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 246	Date of Summary: 30-AUG-1976	First Sample Examined: 790
Lease Number: G03325	Source of Paleo: OPERATOR	Borehole MD: 7890
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7507
API Well Number: 177044037300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 790 - 7890	Water Depth: 149
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
790 / 790	DEF AT first sample examined	DEF AT 2
1600 / 1600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3790 / 3686	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4630 / 4474	POS AT local marker foram increase	DEF AT 3
4810 / 4643	DEF AT faunal change (no faunal increase)	DEF AT 2
6399 / 6131	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6400 / 6132	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6580 / 6298	DEF AT local marker foram decrease	DEF AT 2
7890 / 7514	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 249	Date of Summary: 12-MAR-1985	First Sample Examined: 460
Lease Number: G04782	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12753
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12753
API Well Number: 177044054800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 460 - 12740	Water Depth: 154
Public Info Code: Y 31-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
460 /	DEF AT first sample examined	DEF AT 1
1190 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1340 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1520 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1940 /	DEF AT local marker foram decrease	DEF AT 1
3650 /	DEF AT cement	POS AT 1
3770 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5120 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5480 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5540 /	DEF AT cement	POS AT 2
5690 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6440 /	DEF AT local marker foram increase	DEF AT 2
6530 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6710 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7190 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7310 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
7610 /	DEF AT cement	POS AT 2
7850 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
8030 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 2
8630 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8989 /	DEF AT Bathysiphon fauna	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 249	Date of Summary: 12-MAR-1985	First Sample Examined: 460
Lease Number: G04782	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12753
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12753
API Well Number: 177044054800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 460 - 12740	Water Depth: 154
Public Info Code: Y 31-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8990 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9140 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9380 /	DEF AT cement	POS AT 4
9440 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9590 /	DEF AT cement	POS AT 4
9740 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9770 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9800 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9860 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9980 /	DEF AT cement	POS AT 4
10070 /	DEF AT Bathysiphon fauna	DEF AT 4
10160 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10400 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10790 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 4
11870 /	DEF AT local marker benthic foram increase	DEF AT 4
12040 /	DEF AT faunal change (no faunal increase)	DEF AT 5
12410 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12740 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 254	Date of Summary: 29-NOV-1971	First Sample Examined: 0
Lease Number: G02039	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9117
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9117
API Well Number: 177044005700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 161
Public Info Code: Y 16-DEC-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4380 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 254	Date of Summary: 11-APR-1973	First Sample Examined: 0
Lease Number: G02039	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9847
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 9105
API Well Number: 177044010200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 11-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 / 2022	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8670 / 8024	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 257	Date of Summary: 29-AUG-1983	First Sample Examined: 4000
Lease Number: G02041	Source of Paleo: OPERATOR	Borehole MD: 10775
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8902
API Well Number: 177044057500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4000 - 10720	Water Depth: 160
Public Info Code: Y 25-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3592	DEF AT first sample examined	DEF AT 2
6070 / 5224	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6220 / 5344	DEF AT - - - - -	DEF IN 2
10390 / 8583	DEF AT - - - - -	DEF AT 3
10720 / 8858	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 257	Date of Summary: 27-MAR-1972	First Sample Examined: 0
Lease Number: G02041	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10270
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10270
API Well Number: 177044000500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 25-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8180 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 258	Date of Summary: 27-SEP-1970	First Sample Examined: 1215
Lease Number: G03771	Source of Paleo: OPERATOR	Borehole MD: 11302
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11302
API Well Number: 177044045100	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1215 - 11302	Water Depth: 60
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1215 /	DEF AT first sample examined	DEF IN 2
6870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7800 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9240 /	DEF AT - - - - -	DEF AT 4
10230 /	DEF AT - - - - -	DEF AT 5
11070 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11302 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 261	Date of Summary: 11-JUN-1970	First Sample Examined: 500
Lease Number: G00971	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12015
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12015
API Well Number: 177040000800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 500 - 12015	Water Depth: 160
Public Info Code: Y 29-NOV-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	POS AT 1
2930 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4541 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 1
4603 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4882 /	DEF AT local marker foram decrease	DEF AT 2
5223 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 2
5626 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
6004 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
6128 /	DEF AT local marker foram decrease	DEF IN 2
7903 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8469 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
8500 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8531 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8812 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9312 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11690 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11691 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
11879 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11942 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12006 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12015 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 261	Date of Summary: 11-JUN-1970	First Sample Examined: 2870
Lease Number: G00971	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11015
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11015
API Well Number: 177040000700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 2780 - 10310	Water Depth: 160
Public Info Code: Y 08-SEP-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2780 /	DEF AT first sample examined	DEF AT 2
2870 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3560 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3590 /	DEF AT local marker foram decrease	DEF AT 2
4820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5210 /	POS AT local marker foram increase	DEF AT 2
5990 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
6020 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 2
8030 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8060 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
8390 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
8900 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
9180 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10220 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10310 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 261	Date of Summary: 11-JUN-1970	First Sample Examined: 9390
Lease Number: G00971	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11015
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11015
API Well Number: 177040000700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 9390 - 11015	Water Depth: 160
Public Info Code: Y 08-SEP-1968	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9390 /	DEF AT first sample examined	DEF AT
10180 /	POS AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT
11015 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 263	Date of Summary: 14-DEC-1981	First Sample Examined: 960
Lease Number: G03299	Source of Paleo: OPERATOR	Borehole MD: 11200
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11200
API Well Number: 177044053000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 960 - 11200	Water Depth: 167
Public Info Code: Y 04-NOV-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 / 960	DEF AT first sample examined	DEF AT 2
1780 / 1780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1870 / 1870	DEF AT - - - - -	DEF AT 2
4530 / 4530	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
5360 / 5360	DEF AT sample gap top	POS AT 3
5779 / 5779	DEF AT sample gap bottom	DEF AT 3
5780 / 5780	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5930 / 5930	DEF AT - - - - -	DEF AT 2
7160 / 7160	DEF AT - - - - -	DEF AT 3
7550 / 7550	DEF AT - - - - -	DEF AT 2
8130 / 8130	DEF AT - - - - -	DEF AT 3
8550 / 8550	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8700 / 8700	DEF AT - - - - -	DEF AT 2
9540 / 9540	DEF AT - - - - -	DEF AT 3
9750 / 9750	DEF AT - - - - -	DEF AT 2
10469 / 10469	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10470 / 10470	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10610 / 10610	DEF AT gouge	DEF AT 6
10940 / 10940	DEF AT gypsum	DEF AT 6
10941 / 10941	DEF AT salt	DEF AT 6
11200 / 11199	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 263	Date of Summary: 25-FEB-1976	First Sample Examined: 820
Lease Number: G03299	Source of Paleo: OPERATOR	Borehole MD: 11039
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10943
API Well Number: 177044035700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 820 - 10960	Water Depth: 162
Public Info Code: Y 04-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
820 / 820	DEF AT first sample examined	DEF AT 3
1030 / 1030	DEF AT -----	DEF AT 2
1480 / 1480	DEF AT -----	DEF AT 3
1540 / 1540	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1960 / 1960	DEF AT -----	DEF AT 1
2800 / 2800	DEF AT -----	DEF AT 2
4150 / 4150	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4180 / 4180	DEF AT -----	DEF AT 2
4480 / 4480	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6220 / 6185	DEF AT -----	DEF AT 2
7480 / 7401	DEF AT -----	DEF AT 3
8980 / 8884	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9670 / 9573	DEF AT -----	DEF AT 3
10900 / 10803	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10960 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 263	Date of Summary: 17-MAR-1982	First Sample Examined: 8760
Lease Number: G03299	Source of Paleo: OPERATOR	Borehole MD: 10575
Well Name: A017	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10279
API Well Number: 177044053800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 8760 - 10560	Water Depth: 162
Public Info Code: Y 04-NOV-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8760 / 8522	DEF AT first sample examined	DEF IN 2
9180 / 8928	DEF AT - - - - -	DEF AT 3
9450 / 9190	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
9660 / 9394	DEF AT - - - - -	DEF IN 3
10050 / 9772	DEF AT - - - - -	DEF AT 3
10560 / 10265	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 266	Date of Summary: 17-JAN-1970	First Sample Examined: 7000
Lease Number: G00973	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11764
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11764
API Well Number: 177040000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 7000 - 11764	Water Depth: 160
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 /	DEF AT first sample examined	POS AT 2
7750 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
7899 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7900 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8870 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8900 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9050 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11640 /	DEF AT local marker benthic foram increase	DEF AT 3
11700 /	DEF AT glauconite	DEF AT 3
11764 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 266	Date of Summary: 01-DEC-1969	First Sample Examined: 4985
Lease Number: G00973	Source of Paleo: OPERATOR	Borehole MD: 9658
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9036
API Well Number: 177042000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4985 - 9652	Water Depth: 160
Public Info Code: Y 31-MAY-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4985 / 4962	DEF AT first sample examined	DEF AT
5165 / 5133	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9652 / 9048	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 267	Date of Summary: 26-JUL-1983	First Sample Examined: 940
Lease Number: G03773	Source of Paleo: OPERATOR	Borehole MD: 10303
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10303
API Well Number: 177044045400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 2	Sample Range: 940 - 10300	Water Depth: 178
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
940 /	DEF AT first sample examined	DEF AT
1600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5800 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6490 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
8810 /	DEF AT Arenaceous fauna (local marker)	DEF AT
10300 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 267	Date of Summary: 11-AUG-1983	First Sample Examined: 940
Lease Number: G03773	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10303
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10303
API Well Number: 177044045400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 2 of 2	Sample Range: 940 - 10300	Water Depth: 178
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
940 /	DEF AT first sample examined	DEF AT 2
1630 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3910 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
4330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5350 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
6370 /	DEF AT local marker benthic foram increase	DEF IN 2
6520 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7000 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10300 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 268	Date of Summary: 08-FEB-1973	First Sample Examined: 1050
Lease Number: G02128	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15200
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15200
API Well Number: 177044011500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1050 - 15200	Water Depth: 150
Public Info Code: Y 25-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 /	DEF AT first sample examined	POS IN 1
1080 /	DEF AT faunal change (no faunal increase)	DEF IN 1
1380 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2040 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2100 /	DEF AT local marker foram decrease	DEF IN 1
2580 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2730 /	DEF AT local marker foram decrease	DEF IN 1
3120 /	DEF AT local marker benthic foram increase	DEF AT 2
3730 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4060 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4090 /	DEF AT local marker foram decrease	DEF IN 1
4540 /	DEF AT sample gap top	POS IN 1
4969 /	DEF AT sample gap bottom	DEF AT 2
4970 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5120 /	DEF AT local marker benthic foram increase	DEF AT 2
5480 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6140 /	POS AT local marker foram decrease	DEF IN 1
6380 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6470 /	DEF AT pyrite	DEF AT 2
6890 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6980 /	DEF AT local marker foram decrease	DEF IN 1
7700 /	DEF AT faunal change (no faunal increase)	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 268	Date of Summary: 08-FEB-1973	First Sample Examined: 1050
Lease Number: G02128	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15200
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15200
API Well Number: 177044011500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1050 - 15200	Water Depth: 150
Public Info Code: Y 25-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8180 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 2
8300 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
9590 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9650 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10460 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10530 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10540 /	DEF AT local marker benthic foram increase	DEF AT 4
10620 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
10700 /	DEF AT Eggerella 3 (local marker)	DEF IN 4
10820 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
10880 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11180 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
11240 /	DEF AT local marker foram decrease	DEF AT 3
11720 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11780 /	DEF AT local marker foram decrease	POS AT 3
11990 /	DEF AT pyrite	DEF AT 3
12799 /	DEF AT Bathysiphon fauna	DEF AT 4
12800 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12830 /	DEF AT local marker foram increase	DEF AT 5
12920 /	DEF AT local marker foram decrease	POS AT 4
13100 /	DEF AT local marker foram decrease	POS AT 3
13760 /	DEF AT local marker foram increase	POS AT 4
13789 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13790 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 268	Date of Summary: 08-FEB-1973	First Sample Examined: 1050
Lease Number: G02128	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15200
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15200
API Well Number: 177044011500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1050 - 15200	Water Depth: 150
Public Info Code: Y 25-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14149 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
14150 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
14210 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14360 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14890 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
15020 /	DEF AT pyrite	DEF AT 5
15140 /	DEF AT Bathysiphon fauna	DEF AT 5
15200 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 268	Date of Summary: 16-AUG-1977	First Sample Examined: 4020
Lease Number: G02128	Source of Paleo: OPERATOR	Borehole MD: 10698
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10696
API Well Number: 177044039800	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4020 - 10680	Water Depth: 173
Public Info Code: Y 25-JUL-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4020 /	DEF AT first sample examined	DEF AT 2
4620 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6540 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6630 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7200 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8100 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8730 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9210 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10050 /	DEF AT local marker foram increase	DEF AT 4
10350 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10680 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 23-MAR-1972	First Sample Examined: 4010
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 13340
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13340
API Well Number: 177044008300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 4010 - 13340	Water Depth: 168
Public Info Code: Y 17-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4010 /	DEF AT first sample examined	DEF IN 2
5390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10040 /	DEF AT sample gap top	POS AT 3
10819 /	DEF AT sample gap bottom	DEF AT 4
10820 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13340 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 18-MAY-1971	First Sample Examined: 3510
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 11804
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11804
API Well Number: 177044002500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 3510 - 9720	Water Depth: 170
Public Info Code: Y 12-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3510 /	DEF AT first sample examined	DEF IN 2
4920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5790 /	DEF AT - - - - -	DEF AT 3
7140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8160 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9720 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 15-OCT-1971	First Sample Examined: 9770
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 11804
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11804
API Well Number: 177044002500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 9770 - 11800	Water Depth: 170
Public Info Code: Y 12-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9770 /	DEF AT first sample examined	DEF AT 3
9771 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10100 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11800 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 17-NOV-1971	First Sample Examined: 5520
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 10384
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9811
API Well Number: 177044006200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5520 - 10374	Water Depth: 170
Public Info Code: Y 12-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 / 5222	DEF AT first sample examined	DEF IN 2
6000 / 5673	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
8190 / 7724	DEF AT - - - -	DEF AT 3
9330 / 8796	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10080 / 9505	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10374 / 9784	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 27-DEC-1971	First Sample Examined: 4510
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 11582
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11101
API Well Number: 177044007300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4510 - 11580	Water Depth: 170
Public Info Code: Y 22-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4381	DEF AT first sample examined	DEF IN 2
5530 / 5350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
6160 / 5955	DEF AT - - - -	DEF AT 3
8020 / 7731	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9080 / 8738	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9470 / 9108	DEF AT sample gap top	POS AT 3
10189 / 9788	DEF AT sample gap bottom	DEF AT 3
10190 / 9789	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11580 / 11099	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 18-JAN-1972	First Sample Examined: 5000
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 9932
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9810
API Well Number: 177044007800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 2690 - 9930	Water Depth: 170
Public Info Code: Y 11-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4996	DEF AT first sample examined	DEF AT
5390 / 5386	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5840 / 5834	DEF AT - - - -	DEF AT 3
7790 / 7728	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9590 / 9473	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9930 / 9808	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 18-FEB-1972	First Sample Examined: 3800
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 10108
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9796
API Well Number: 177044008100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3800 - 10108	Water Depth: 170
Public Info Code: Y 04-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3796	DEF AT first sample examined	DEF IN 2
5450 / 5382	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
8330 / 8101	DEF AT - - - -	DEF AT 3
8630 / 8386	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8690 / 8443	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10108 / 9797	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 27-OCT-1971	First Sample Examined: 2660
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 12069
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12069
API Well Number: 177044005000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2660 - 12020	Water Depth: 170
Public Info Code: Y 24-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2660 /	DEF AT first sample examined	DEF IN 2
5240 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
7700 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9710 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10130 /	DEF AT - - - - -	DEF AT 5
11360 /	POS AT gouge	DEF AT 6
12020 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 22-DEC-1971	First Sample Examined: 5430
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 9805
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9098
API Well Number: 177044006900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5430 - 9720	Water Depth: 170
Public Info Code: Y 22-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5430 / 5098	DEF AT first sample examined	DEF IN 2
8220 / 7651	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9720 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 09-MAR-1972	First Sample Examined: 8000
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 10700
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9645
API Well Number: 177044008400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8000 - 10700	Water Depth: 170
Public Info Code: Y 31-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7342	DEF AT first sample examined	DEF IN 3
8780 / 8054	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9710 / 8886	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9950 / 9091	DEF AT - - - - -	DEF AT 5
10700 / 9688	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 270	Date of Summary: 19-APR-1972	First Sample Examined: 9120
Lease Number: G02045	Source of Paleo: OPERATOR	Borehole MD: 12148
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11651
API Well Number: 177044008900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2650 - 12130	Water Depth: 170
Public Info Code: Y 15-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9120 / 8842	DEF AT first sample examined	DEF IN 3
9970 / 9644	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10420 / 10071	DEF AT - - - - -	DEF AT 5
12130 / 11649	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 271	Date of Summary: 28-MAR-1972	First Sample Examined: 3760
Lease Number: G02046	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9386
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 9386
API Well Number: 177044002600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3760 - 9386	Water Depth: 163
Public Info Code: Y 31-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3760 /	DEF AT first sample examined	POS AT 1
3761 /	DEF AT cement	POS AT 1
4060 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4300 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4690 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5050 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6190 /	DEF AT siltstone	DEF AT 2
6760 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6849 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6850 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6879 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
6880 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
7030 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7540 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8140 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
8530 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
8830 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9100 /	DEF AT Bathysiphon fauna	DEF AT 5
9270 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9386 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 29-JUN-1971	First Sample Examined: 720
Lease Number: G02047	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8157
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8157
API Well Number: 177044001500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 720 - 8157	Water Depth: 180
Public Info Code: Y 05-MAY-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
720 /	DEF AT first sample examined	DEF AT 1
870 /	DEF AT pyrite	DEF AT 1
1110 /	DEF AT local marker benthic foram increase	DEF AT 2
1440 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2070 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2370 /	DEF AT local marker foram decrease	DEF AT 2
3570 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3630 /	DEF AT local marker foram decrease	DEF AT 2
5610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5850 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7420 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7480 /	DEF AT local marker foram decrease	DEF AT 3
7810 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
8140 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 3
8157 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 17-DEC-1971	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5609
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5609
API Well Number: 177044003000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 09-JUL-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5150 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 20-MAY-1999	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8201
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6463
API Well Number: 177044007000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 28-DEC-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5750 / 4588	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8060 / 6305	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 17-MAY-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6620
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5279
API Well Number: 177044008000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 20-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 3678	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6120 / 5001	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 11-JUN-1996	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8195
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7133
API Well Number: 177044009300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 08-MAY-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5042 / 4518	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7410 / 6533	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7780 / 6855	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 11-MAY-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9594
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7701
API Well Number: 177044009400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 01-AUG-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7760 / 6337	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9594 / 7701	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

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End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 02-MAR-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: OPERATOR	Borehole MD: 9096
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6475
API Well Number: 177044011000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 08-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 4598	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 14-MAY-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6862
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5958
API Well Number: 177044012700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 23-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 / 5562	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 01-DEC-1972	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9085
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 7882
API Well Number: 177044014100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 25-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 5421	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
7910 / 6917	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 21-SEP-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5478
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 5194
API Well Number: 177044014500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 29-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5029	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 28-AUG-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6086
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 5400
API Well Number: 177044014000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 14-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 4935	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 22-JAN-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6024
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 5776
API Well Number: 177044015000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 17-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3732 / 3658	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 28-AUG-1973	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4976
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 4800
API Well Number: 177044014900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 21-FEB-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 / 3709	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT

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Area Block: EC 272	Date of Summary: 05-MAY-1974	First Sample Examined: 8100
Lease Number: G02047	Source of Paleo: OPERATOR	Borehole MD: 8265
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 6993
API Well Number: 177044017200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8100 - 8265	Water Depth: 180
Public Info Code: Y 07-FEB-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8100 / 6877	DEF AT first sample examined	DEF AT
8130 / 6901	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8265 / 7011	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 02-NOV-1999	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5945
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 5801
API Well Number: 177044020500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 182
Public Info Code: Y 16-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 5488	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 272	Date of Summary: 23-JUN-1976	First Sample Examined: 0
Lease Number: G02047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6954
Well Name: G001	Paleo Done By: OPERATOR	Borehole TVD: 6954
API Well Number: 177044028200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 03-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6100 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6950 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 278	Date of Summary: 29-MAR-1970	First Sample Examined: 925
Lease Number: G00974	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13582
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 13568
API Well Number: 177040001200	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 925 - 13552	Water Depth: 171
Public Info Code: Y 10-JUN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
925 / 925	DEF AT first sample examined	DEF AT 2
3166 / 3166	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5377 / 5376	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
7161 / 7158	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7911 / 7907	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11182 / 11174	DEF AT Bathysiphon fauna	DEF AT 4
11967 / 11956	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
13552 / 13538	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 281	Date of Summary: 21-OCT-1971	First Sample Examined: 1000
Lease Number: G02050	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13431
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11833
API Well Number: 177044002100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13400	Water Depth: 171
Public Info Code: Y 03-JUL-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	POS AT 2
1090 / 1090	DEF AT faunal change (no faunal increase)	DEF AT 2
1180 / 1180	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1600 / 1594	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1980 / 1957	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2430 / 2381	DEF AT faunal change (no faunal increase)	DEF AT 1
3150 / 3013	DEF AT faunal change (no faunal increase)	DEF AT 2
3570 / 3365	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4365 / 4041	DEF AT faunal change (no faunal increase)	DEF AT 1
5025 / 4584	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5475 / 4954	DEF AT local marker benthic foram increase	DEF AT 2
5955 / 5354	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
8740 / 7605	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
8770 / 7629	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8860 / 7702	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
8889 / 7726	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8890 / 7727	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9400 / 8143	DEF AT local marker foram decrease	DEF AT 3
9460 / 8192	DEF AT faunal change (no faunal increase)	DEF AT 2
9700 / 8391	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9880 / 8540	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10180 / 8789	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 281	Date of Summary: 21-OCT-1971	First Sample Examined: 1000
Lease Number: G02050	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13431
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11833
API Well Number: 177044002100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13400	Water Depth: 171
Public Info Code: Y 03-JUL-1973	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10390 / 8963	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
10480 / 9040	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10840 / 9365	DEF AT local marker benthic foram increase	DEF AT 3
10870 / 9393	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11080 / 9593	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
11200 / 9709	DEF AT faunal change (no faunal increase)	DEF AT 4
12550 / 11046	DEF AT faunal change (no faunal increase)	DEF AT 3
13210 / 11704	POS AT Cyclammina cancellata (local marker)	DEF AT 4
13400 / 11893	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 286	Date of Summary: 15-AUG-1971	First Sample Examined: 1000
Lease Number: G02051	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10670
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10670
API Well Number: 177044002700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 1000 - 10670	Water Depth: 186
Public Info Code: Y 01-JUL-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1720 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2170 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
4360 /	DEF AT local marker benthic foram increase	DEF IN 2
4500 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
4860 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
5310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5550 /	DEF AT local marker benthic foram increase	DEF AT 3
6570 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
8480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8840 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8960 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
9200 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9350 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
10070 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
10670 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 286	Date of Summary: 25-JUN-1979	First Sample Examined: 1000
Lease Number: G02051	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10670
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 10670
API Well Number: 177044002700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 1000 - 10670	Water Depth: 186
Public Info Code: Y 01-JUL-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
2200 /	DEF AT local marker benthic foram increase	DEF AT 2
4620 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
5310 /	POS AT local marker foram increase	DEF AT 3
6450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6960 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8480 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8840 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9050 /	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9920 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10070 /	DEF AT local marker planktic foram increase	DEF AT 5
10510 /	DEF AT local marker foram decrease	DEF AT 5
10670 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 286	Date of Summary: 16-MAY-1972	First Sample Examined: 0
Lease Number: G02051	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10001
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10001
API Well Number: 177044001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 186
Public Info Code: Y 29-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2440 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5000 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7860 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9300 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 286	Date of Summary: 24-DEC-1975	First Sample Examined: 0
Lease Number: G02051	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11154
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 8846
API Well Number: 177044034100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 01-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2170 / 2120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5255 / 4457	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 289	Date of Summary: 27-JUN-1972	First Sample Examined: 0
Lease Number: G02053	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9450
API Well Number: 177044006300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 157
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3810 /	DEF AT - - - - -	DEF AT 3
5570 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8230 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9320 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 289	Date of Summary: 07-OCT-1972	First Sample Examined: 0
Lease Number: G02053	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6952
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6952
API Well Number: 177044014700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 157
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 292	Date of Summary: 30-JAN-1973	First Sample Examined: 0
Lease Number: G02054	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6693
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6688
API Well Number: 177044017100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4244 / 4244	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5723 / 5722	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 293	Date of Summary: 06-APR-1972	First Sample Examined: 1130
Lease Number: G02055	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9000
API Well Number: 177044003600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1130 - 9000	Water Depth: 167
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 /	DEF AT first sample examined	DEF AT 2
1370 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1550 /	DEF AT local marker foram decrease	DEF AT 2
2030 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2810 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3050 /	DEF AT pyrite	DEF AT 2
3410 /	DEF AT glauconite	DEF AT 2
3500 /	DEF AT pyrite	DEF AT 2
3620 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3780 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
3870 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4020 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4709 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4710 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
5280 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5520 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
5730 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6180 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7260 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7770 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
7830 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8159 /	DEF AT Bathysiphon fauna	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 293	Date of Summary: 06-APR-1972	First Sample Examined: 1130
Lease Number: G02055	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9000
API Well Number: 177044003600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1130 - 9000	Water Depth: 167
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8820 / 9000 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica DEF AT last sample examined	DEF AT 5 DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 24-MAR-1971	First Sample Examined: 750
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 7444
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7444
API Well Number: 177044001000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 750 - 7444	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
750 /	DEF AT first sample examined	DEF AT 2
2280 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5200 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6040 /	DEF AT - - - - -	DEF AT 4
6690 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7444 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 29-MAR-1971	First Sample Examined: 5000
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 8697
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8284
API Well Number: 177044001001	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8697	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4895	DEF AT first sample examined	DEF AT 3
5001 / 4896	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5450 / 5316	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6950 / 6698	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8697 / 8288	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 17-JUN-1971	First Sample Examined: 5000
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 11482
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11482
API Well Number: 177044001900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8450	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF IN 3
5420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7580 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7970 /	DEF AT - - - - -	DEF AT 3
8240 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8450 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 08-JUN-1971	First Sample Examined: 3500
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 8192
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8192
API Well Number: 177044003400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3500 - 8192	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 3
3501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5180 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8100 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8192 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 17-JUN-1971	First Sample Examined: 5000
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 8451
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8451
API Well Number: 177044003700	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8450	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 3
5420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7580 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7970 /	DEF AT - - - - -	DEF IN 3
8240 /	DEF AT - - - - -	DEF AT 4
8450 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 21-OCT-1971	First Sample Examined: 4510
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 9773
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9773
API Well Number: 177044006000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4510 - 9773	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 /	DEF AT first sample examined	DEF IN 3
5800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9220 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9520 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9773 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 01-NOV-1971	First Sample Examined: 4500
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 8253
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8253
API Well Number: 177044006800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4500 - 8250	Water Depth: 167
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF IN 3
5700 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8220 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
8250 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 02-JUN-1976	First Sample Examined: 0
Lease Number: G02056	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8978
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8976
API Well Number: 177044036500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2620 / 2620	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6340 / 6340	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8800 / 8798	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 05-JAN-1978	First Sample Examined: 3780
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 7566
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7305
API Well Number: 177044040700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3780 - 7560	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 / 3565	DEF AT first sample examined	DEF IN 3
6030 / 5769	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7530 / 7269	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7560 / 7299	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 24-JAN-1978	First Sample Examined: 3150
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 7685
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6862
API Well Number: 177044041100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3150 - 7650	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3150 / 2999	DEF AT first sample examined	DEF IN 3
3510 / 3308	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6480 / 5860	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7650 / 6921	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 28-MAR-1978	First Sample Examined: 4250
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 11046
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8483
API Well Number: 177044041600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 3	Sample Range: 4250 - 8510	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3490	DEF AT first sample examined	DEF IN 2
4520 / 3690	DEF AT - - - - -	DEF AT 3
8509 / 6620	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8510 / 6621	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 28-MAR-1978	First Sample Examined: 8910
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 11046
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8483
API Well Number: 177044041600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 8910 - 9090	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8910 / 6895	DEF AT first sample examined	DEF AT 3
9060 / 7002	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9090 / 7023	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 28-MAR-1978	First Sample Examined: 8750
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 11046
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8483
API Well Number: 177044041600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 3 of 3	Sample Range: 8750 - 11030	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8750 / 6785	DEF AT first sample examined	DEF AT 3
11030 / 8503	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 19-APR-1978	First Sample Examined: 4250
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 8048
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7606
API Well Number: 177044041101	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4250 - 8000	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 4034	DEF AT first sample examined	DEF AT 3
4251 / 4035	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6680 / 6300	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8000 / 7561	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 06-JUN-1978	First Sample Examined: 4600
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 10075
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8458
API Well Number: 177044042300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4600 - 10075	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4047	DEF AT first sample examined	DEF IN 2
4601 / 4048	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
6670 / 5730	DEF AT sample gap top	POS IN 2
8110 / 6938	DEF AT sample gap bottom	DEF IN 2
10075 / 8458	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 10-JUL-1978	First Sample Examined: 3860
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 9471
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8489
API Well Number: 177044042600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3860 - 9470	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3527	DEF AT first sample examined	DEF AT 3
3861 / 3528	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6350 / 5444	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
8180 / 7202	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8600 / 7620	DEF AT sample gap top	POS AT 3
8720 / 7740	DEF AT sample gap bottom	DEF AT 3
9470 / 8488	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 15-JUN-1978	First Sample Examined: 6060
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 9409
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8437
API Well Number: 177044042301	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 6060 - 9409	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6060 / 5203	DEF AT first sample examined	DEF IN 3
7290 / 6340	DEF AT sample gap top	POS IN 3
7620 / 6656	DEF AT sample gap bottom	DEF IN 3
7860 / 6892	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9409 / 8438	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 06-NOV-1978	First Sample Examined: 4750
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 10195
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6978
API Well Number: 177044043100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 3	Sample Range: 4750 - 9940	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 3535	DEF AT first sample examined	DEF IN 3
5410 / 4009	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
6820 / 4910	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
7570 / 5356	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9940 / 6810	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 06-NOV-1978	First Sample Examined: 9480
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 10195
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6978
API Well Number: 177044043100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 9480 - 10020	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 / 6496	DEF AT first sample examined	DEF IN 3
9590 / 6566	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
10020 / 6869	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 06-NOV-1978	First Sample Examined: 9090
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 10195
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6978
API Well Number: 177044043100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 3 of 3	Sample Range: 9090 - 10170	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9090 / 6264	DEF AT first sample examined	DEF IN 3
9270 / 6370	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
10170 / 6984	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 01-AUG-1978	First Sample Examined: 3910
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 8980
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8422
API Well Number: 177044042601	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3910 - 8980	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3563	DEF AT first sample examined	POS IN 3
3911 / 3564	DEF AT cement	POS IN 3
4000 / 3628	DEF AT - - - - -	DEF IN 3
7150 / 6594	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8980 / 8422	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 294	Date of Summary: 21-DEC-1978	First Sample Examined: 3000
Lease Number: G02056	Source of Paleo: OPERATOR	Borehole MD: 9118
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8142
API Well Number: 177044043600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9220	Water Depth: 191
Public Info Code: Y 30-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2999	DEF AT first sample examined	DEF IN 3
5490 / 5484	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
6810 / 6705	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
6870 / 6752	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9220 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 303	Date of Summary: 31-AUG-1975	First Sample Examined: 0
Lease Number: G02248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7531
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7531
API Well Number: 177044026300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT -----	DEF IN 2
1120 /	DEF AT -----	DEF AT 3
1840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4210 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6850 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7060 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7480 /	DEF AT anhydrite	POS AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 305	Date of Summary: 01-SEP-1974	First Sample Examined: 2270
Lease Number: G02249	Source of Paleo: OPERATOR	Borehole MD: 10650
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10503
API Well Number: 177044025700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 2270 - 10650	Water Depth: 176
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2270 / 2270	DEF AT first sample examined	DEF AT
6620 / 6602	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10650 / 10577	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 310	Date of Summary: 23-MAY-1973	First Sample Examined: 0
Lease Number: G02253	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11952
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11952
API Well Number: 177044018200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2460 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5470 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10480 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 312	Date of Summary: 14-MAY-1971	First Sample Examined: 900
Lease Number: G02057	Source of Paleo: OPERATOR	Borehole MD: 9150
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9150
API Well Number: 177044000600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 900 - 9150	Water Depth: 187
Public Info Code: Y 31-JAN-1977	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF IN 3
2010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8340 /	DEF AT - - - - -	DEF AT 4
8430 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9150 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 312	Date of Summary: 30-SEP-1971	First Sample Examined: 900
Lease Number: G02057	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9150
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9150
API Well Number: 177044000600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 900 - 9150	Water Depth: 187
Public Info Code: Y 31-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF AT 2
1050 /	DEF AT local marker planktic foram increase	DEF AT 2
1080 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1710 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3000 /	DEF AT local marker benthic foram increase	DEF AT 3
4230 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5610 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6090 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
8340 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8430 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
8760 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8850 /	DEF AT faunal change (no faunal increase)	DEF IN 5
9150 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 312	Date of Summary: 02-SEP-1971	First Sample Examined: 4500
Lease Number: G02057	Source of Paleo: OPERATOR	Borehole MD: 7165
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7165
API Well Number: 177044005800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4500 - 7110	Water Depth: 187
Public Info Code: Y 31-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF IN 3
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6870 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7110 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 312	Date of Summary: 06-OCT-1972	First Sample Examined: 4000
Lease Number: G02057	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177044009600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11000	Water Depth: 187
Public Info Code: Y 31-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF IN 3
5410 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6520 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8620 /	DEF AT faunal change (no faunal increase)	DEF AT 6
9220 /	DEF AT sandstone	DEF AT 6
9670 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10060 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10120 /	POS AT faunal change (no faunal increase)	DEF AT 6
10720 /	DEF AT Cyclammina sp. (local marker)	DEF AT 6
10870 /	DEF AT faunal change (no faunal increase)	DEF AT 6
11000 /	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 312	Date of Summary: 19-DEC-1975	First Sample Examined: 3300
Lease Number: G02057	Source of Paleo: OPERATOR	Borehole MD: 7115
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7115
API Well Number: 177044035100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3300 - 7510	Water Depth: 187
Public Info Code: Y 31-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 /	DEF AT first sample examined	DEF IN 3
5290 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6670 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7510 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 312	Date of Summary: 03-FEB-1975	First Sample Examined: 3000
Lease Number: G02057	Source of Paleo: OPERATOR	Borehole MD: 6897
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6897
API Well Number: 177044028500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6897	Water Depth: 187
Public Info Code: Y 31-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF IN 3
6630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6897 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 313	Date of Summary: 12-JAN-1973	First Sample Examined: 0
Lease Number: G02058	Source of Paleo: OPERATOR	Borehole MD: 10818
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10818
API Well Number: 177044007700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 19-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2690 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5240 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6740 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 313	Date of Summary: 16-JAN-1973	First Sample Examined: 3375
Lease Number: G02058	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13674
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 13674
API Well Number: 177044008700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3375 - 13660	Water Depth: 184
Public Info Code: Y 19-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3375 /	DEF AT first sample examined	POS IN 1
3376 /	DEF AT cement	POS IN 1
3450 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3510 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3660 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
4080 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 2
4620 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4800 /	DEF AT local marker benthic foram increase	DEF AT 2
4860 /	DEF AT local marker foram decrease	DEF AT 2
5430 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
5700 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6840 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6900 /	DEF AT local marker foram decrease	DEF IN 2
7020 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7230 /	DEF AT Cyclammina sp. (local marker)	DEF IN 3
7920 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8190 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
8220 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
8400 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
8520 /	POS AT local marker foram decrease	DEF AT 3
10170 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
10230 /	DEF AT local marker foram decrease	DEF IN 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 313	Date of Summary: 16-JAN-1973	First Sample Examined: 3375
Lease Number: G02058	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13674
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 13674
API Well Number: 177044008700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 3375 - 13660	Water Depth: 184
Public Info Code: Y 19-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
11000 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
13448 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
13449 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13450 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
13660 /	DEF AT last sample examined	DEF IN 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 313	Date of Summary: 05-FEB-1973	First Sample Examined: 3375
Lease Number: G02058	Source of Paleo: OPERATOR	Borehole MD: 13674
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13674
API Well Number: 177044008700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 3375 - 13660	Water Depth: 184
Public Info Code: Y 19-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3375 /	DEF AT first sample examined	DEF AT
5310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7860 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11120 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
13660 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 313	Date of Summary: 10-DEC-1972	First Sample Examined: 0
Lease Number: G02058	Source of Paleo: OPERATOR	Borehole MD: 7508
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7508
API Well Number: 177044013600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 19-JAN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6390 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 317	Date of Summary: 21-OCT-1971	First Sample Examined: 3820
Lease Number: G02059	Source of Paleo: OPERATOR	Borehole MD: 10465
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10465
API Well Number: 177044000700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3820 - 10465	Water Depth: 198
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3820 /	DEF AT first sample examined	DEF IN 3
4630 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7090 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8480 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10465 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 317	Date of Summary: 03-JAN-1972	First Sample Examined: 1100
Lease Number: G02059	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10465
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10465
API Well Number: 177044000700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1100 - 10465	Water Depth: 198
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF AT 2
1580 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
2120 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3400 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3490 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
4660 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5620 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5830 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6130 /	DEF AT pyrite	DEF AT 4
6880 /	DEF AT local marker benthic foram increase	DEF AT 4
7750 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7780 /	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 4
7930 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8450 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
8500 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
9220 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
10465 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 320	Date of Summary: 25-APR-1972	First Sample Examined: 0
Lease Number: G02060	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9396
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9396
API Well Number: 177044008600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7210 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9300 /	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 320	Date of Summary: 07-APR-1972	First Sample Examined: 0
Lease Number: G02060	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5785
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5785
API Well Number: 177044008800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1950 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 320	Date of Summary: 09-MAY-1972	First Sample Examined: 0
Lease Number: G02060	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7970
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7007
API Well Number: 177044008601	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 5893	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7710 / 6819	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 320	Date of Summary: 27-OCT-1972	First Sample Examined: 5330
Lease Number: G02060	Source of Paleo: OPERATOR	Borehole MD: 9170
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9170
API Well Number: 177044014600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 5330 - 9170	Water Depth: 205
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5330 /	DEF AT first sample examined	DEF AT
5331 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8150 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9170 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 07-JUL-1971	First Sample Examined: 3870
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 10460
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10460
API Well Number: 177044001800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3870 - 10460	Water Depth: 230
Public Info Code: Y 02-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3870 /	DEF AT first sample examined	DEF AT 3
3871 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4530 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5579 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5580 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7540 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 3
7660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7780 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9570 /	POS IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9710 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10130 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
10460 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 20-JUL-1971	First Sample Examined: 4500
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 8158
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8158
API Well Number: 177044004300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4500 - 8150	Water Depth: 230
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT 3
4501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5220 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5580 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
6958 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6959 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7460 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
7700 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8060 /	DEF AT Bathysiphon fauna	DEF AT 5
8150 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 30-AUG-1971	First Sample Examined: 4500
Lease Number: G02061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8158
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 8158
API Well Number: 177044004300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 4500 - 8150	Water Depth: 230
Public Info Code: Y 16-AUG-1973	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF IN 2
4560 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4590 /	DEF AT pyrite	DEF AT 4
5910 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6180 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
7429 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7430 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7580 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
7610 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8150 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 27-JUL-1971	First Sample Examined: 4510
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 6843
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6843
API Well Number: 177044004400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4510 - 6843	Water Depth: 230
Public Info Code: Y 25-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 /	DEF AT first sample examined	DEF IN 3
5110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6550 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6640 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6843 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 10-AUG-1971	First Sample Examined: 4480
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 7210
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7210
API Well Number: 177044004800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4480 - 7210	Water Depth: 220
Public Info Code: Y 03-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4480 /	DEF AT first sample examined	DEF IN 3
5440 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisces (acme "B")	DEF IN 3
5650 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7210 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 22-SEP-1971	First Sample Examined: 3510
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 8030
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8030
API Well Number: 177044006400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3510 - 8020	Water Depth: 220
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3510 /	DEF AT first sample examined	DEF IN 3
3511 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3930 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
4080 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6300 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 3
6419 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
6420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6610 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
7480 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7510 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
8020 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 31-OCT-1972	First Sample Examined: 4625
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 6160
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6160
API Well Number: 177044014300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4625 - 6970	Water Depth: 220
Public Info Code: Y 11-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4625 / 4623	DEF AT first sample examined	DEF IN 3
5025 / 5023	DEF AT sample gap top	POS IN 3
5174 / 5172	DEF AT sample gap bottom	DEF IN 3
5219 / 5217	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6220 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
6730 /	DEF AT local marker deep water fauna	DEF AT 4
6759 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6760 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
6790 /	DEF AT unconformity	DEF AT 5
6970 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 22-JAN-1973	First Sample Examined: 4500
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 6552
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5942
API Well Number: 177044015200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4500 - 6963	Water Depth: 220
Public Info Code: Y 27-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4032	DEF AT first sample examined	DEF IN 3
6814 /	DEF AT poor sample interval top	DEF IN 3
6815 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6962 /	DEF AT poor sample interval bottom	DEF IN 3
6963 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 22-JAN-1973	First Sample Examined: 4525
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 6552
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5942
API Well Number: 177044015200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 4525 - 6392	Water Depth: 220
Public Info Code: Y 27-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4525 / 4053	DEF AT first sample examined	DEF AT 3
6046 / 5447	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
6047 / 5448	DEF AT gouge	DEF AT 6
6392 / 5785	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 22-MAR-1973	First Sample Examined: 6020
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 9390
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7916
API Well Number: 177044018100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 6020 - 9390	Water Depth: 220
Public Info Code: Y 15-APR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6020 / 5217	DEF AT first sample examined	DEF IN 3
6110 / 5289	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8810 / 7415	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8930 / 7512	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9390 / 7913	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 11-APR-1973	First Sample Examined: 4300
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 7933
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6965
API Well Number: 177044019400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4300 - 7930	Water Depth: 220
Public Info Code: Y 09-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 3488	DEF AT first sample examined	DEF IN 3
4840 / 3938	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6610 / 5645	DEF AT - - - - -	DEF AT 4
7120 / 6153	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7930 / 6962	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 18-JUN-1973	First Sample Examined: 3680
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 9840
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7979
API Well Number: 177044020800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 3680 - 9840	Water Depth: 220
Public Info Code: Y 17-JUL-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3680 / 3265	DEF AT first sample examined	DEF IN 3
6154 / 5161	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9100 / 7371	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9840 / 7978	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 06-AUG-1973	First Sample Examined: 5810
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 7718
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6350
API Well Number: 177044022500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5810 - 7708	Water Depth: 220
Public Info Code: Y 03-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5810 / 4996	DEF AT first sample examined	DEF IN 3
6244 / 5304	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7555 / 6258	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7708 / 6368	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 28-AUG-1973	First Sample Examined: 3893
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 5980
Well Name: A018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5779
API Well Number: 177044022800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3893 - 5969	Water Depth: 220
Public Info Code: Y 24-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3893 / 3700	DEF AT first sample examined	DEF IN 3
3894 / 3701	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5288 / 5089	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5969 / 5769	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 19-SEP-1973	First Sample Examined: 6824
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 10460
Well Name: A019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7667
API Well Number: 177044023000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 6824 - 9414	Water Depth: 220
Public Info Code: Y 06-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6824 / 5373	DEF AT first sample examined	DEF IN 3
7165 / 5607	DEF AT sample gap top	POS IN 3
7226 / 5650	DEF AT sample gap bottom	DEF IN 3
7227 / 5651	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9414 / 7116	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 321	Date of Summary: 05-NOV-1973	First Sample Examined: 6682
Lease Number: G02061	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: A021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6619
API Well Number: 177044024100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 6682 - 8934	Water Depth: 220
Public Info Code: Y 27-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6682 / 5160	DEF AT first sample examined	DEF IN 3
6901 / 5304	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8934 / 6595	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 27-JUN-1973	First Sample Examined: 0
Lease Number: G02254	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6745
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6745
API Well Number: 177044018600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 07-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1850 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5930 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 19-JUL-1973	First Sample Examined: 0
Lease Number: G02254	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6630
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6630
API Well Number: 177044021500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 07-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 26-DEC-1975	First Sample Examined: 1290
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 8617
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8617
API Well Number: 177044035000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1290 - 8617	Water Depth: 224
Public Info Code: Y 18-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1290 /	DEF AT first sample examined	DEF IN 1
1830 /	DEF AT - - - - -	DEF AT 2
2010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3240 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3900 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4530 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7320 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7440 /	POS AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
7560 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8617 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 15-JUN-1976	First Sample Examined: 1000
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 9583
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9583
API Well Number: 177044036600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9560	Water Depth: 224
Public Info Code: Y 07-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 1
1870 /	DEF AT local marker benthic foram increase	DEF AT 2
1930 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3730 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4750 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7840 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7990 /	POS AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
8139 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8140 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
9560 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 25-JUN-1974	First Sample Examined: 3000
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 5940
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5927
API Well Number: 177044025900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3000 - 5790	Water Depth: 227
Public Info Code: Y 22-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT 3
3001 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5360 /	DEF AT poor sample interval top	DEF AT 3
5579 /	DEF AT poor sample interval bottom	DEF AT 3
5580 /	DEF AT limestone	DEF AT 3
5730 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5790 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 31-JUL-1974	First Sample Examined: 5710
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 9400
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7467
API Well Number: 177044026100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5710 - 9400	Water Depth: 227
Public Info Code: Y 24-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5710 / 4605	DEF AT first sample examined	DEF AT 3
5711 / 4606	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6430 / 5070	DEF AT sample gap top	POS AT 3
6840 / 5341	DEF AT sample gap bottom	DEF AT 3
6990 / 5445	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7470 / 5801	DEF AT sample gap top	POS AT 3
7620 / 5923	DEF AT sample gap bottom	DEF AT 3
7740 / 6024	POS AT local marker foram increase	DEF AT 3
7770 / 6050	DEF AT local marker foram decrease	DEF AT 3
7890 / 6152	DEF AT local marker foram increase	DEF AT 3
8130 / 6360	DEF AT local marker foram decrease	DEF AT 3
8680 / 6844	DEF AT sample gap top	POS AT 3
8769 / 6923	DEF AT sample gap bottom	DEF AT 4
8770 / 6924	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9010 / 7133	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
9130 / 7236	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9400 / 7467	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 24-OCT-1974	First Sample Examined: 4510
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 6755
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5771
API Well Number: 177044027800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4510 - 5990	Water Depth: 227
Public Info Code: Y 09-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 3787	DEF AT first sample examined	DEF AT 3
4511 / 3787	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5170 / 4278	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5990 / 5034	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 24-OCT-1974	First Sample Examined: 5167
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 6755
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5771
API Well Number: 177044027800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 5167 - 6827	Water Depth: 227
Public Info Code: Y 09-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5167 / 4275	DEF AT first sample examined	DEF AT 3
6497 / 5523	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6827 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 12-MAY-1975	First Sample Examined: 4500
Lease Number: G02254	Source of Paleo: OPERATOR	Borehole MD: 6029
Well Name: A016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5222
API Well Number: 177044031200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4500 - 6029	Water Depth: 227
Public Info Code: Y 05-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4027	DEF AT first sample examined	DEF IN 3
4501 / 4027	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4980 / 4411	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
5550 / 4855	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
5640 / 4924	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6029 / 5222	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 322	Date of Summary: 13-AUG-1974	First Sample Examined: 5020
Lease Number: G02255	Source of Paleo: OPERATOR	Borehole MD: 6680
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4956
API Well Number: 177044026600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5020 - 6670	Water Depth: 227
Public Info Code: Y 08-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5020 / 4000	DEF AT first sample examined	DEF AT 3
5021 / 4000	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5440 / 4240	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5470 / 4257	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5830 / 4468	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5860 / 4486	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6370 / 4786	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6670 / 4951	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 323	Date of Summary: 10-OCT-1973	First Sample Examined: 0
Lease Number: G02255	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4756
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4756
API Well Number: 177044018800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 24-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 323	Date of Summary: 16-JUL-1973	First Sample Examined: 0
Lease Number: G02255	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6630
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6630
API Well Number: 177044021100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 230
Public Info Code: Y 29-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 330	Date of Summary: 11-APR-1986	First Sample Examined: 8210
Lease Number: G03540	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9200
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 9200
API Well Number: 177044040300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 8210 - 9200	Water Depth: 260
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8210 /	DEF AT first sample examined	DEF AT 3
9200 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 330	Date of Summary: 11-APR-1986	First Sample Examined: 4500
Lease Number: G03540	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9200
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 9200
API Well Number: 177044040300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 4500 - 8220	Water Depth: 260
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	POS AT 2
4680 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4770 /	DEF AT sample gap top	POS AT 2
4860 /	DEF AT sample gap bottom	DEF AT 2
5100 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5700 /	DEF AT local marker benthic foram increase	DEF AT 2
6220 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6860 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
8120 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8220 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 331	Date of Summary: 26-MAR-1981	First Sample Examined: 0
Lease Number: G03300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14854
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10389
API Well Number: 177044047600	Drilling Operator: HOME PETROLEUM CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 239
Public Info Code: Y 31-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9347 / 6901	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 331	Date of Summary: 30-APR-1981	First Sample Examined: 3260
Lease Number: G03300	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8528
API Well Number: 177044050200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3260 - 11200	Water Depth: 240
Public Info Code: Y 31-MAY-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3260 / 3060	DEF AT first sample examined	DEF AT 2
3261 / 3061	DEF AT cement	DEF AT 2
3530 / 3248	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4420 / 3833	DEF AT - - - - -	DEF AT 2
5080 / 4263	DEF AT - - - - -	DEF AT 3
5120 / 4290	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5620 / 4634	DEF AT - - - - -	DEF AT 2
6650 / 5355	DEF AT - - - - -	DEF AT 3
6680 / 5377	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7870 / 6187	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
9780 / 7442	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10230 / 7719	DEF AT - - - - -	DEF AT 3
10650 / 7969	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11200 / 8325	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 333	Date of Summary: 26-APR-1982	First Sample Examined: 0
Lease Number: G03387	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11075
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11069
API Well Number: 177044052900	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 253
Public Info Code: Y 20-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5400 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6980 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 334	Date of Summary: 27-JUL-1971	First Sample Examined: 3850
Lease Number: G02062	Source of Paleo: OPERATOR	Borehole MD: 13228
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13228
API Well Number: 177044000800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3850 - 13228	Water Depth: 240
Public Info Code: Y 21-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3850 /	DEF AT first sample examined	DEF IN 3
4390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5320 /	DEF AT - - - - -	DEF AT 4
6790 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7030 /	DEF AT - - - - -	DEF AT 3
9820 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12700 /	DEF AT - - - - -	DEF AT 2
13228 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 334	Date of Summary: 18-MAY-1972	First Sample Examined: 1400
Lease Number: G02062	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15000
API Well Number: 177044004200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1400 - 15000	Water Depth: 235
Public Info Code: Y 14-JUN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 /	DEF AT first sample examined	DEF IN 3
2030 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6090 /	DEF AT - - - - -	DEF AT 4
6930 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7350 /	DEF AT - - - - -	DEF AT 3
11490 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
15000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 334	Date of Summary: 22-JUN-1972	First Sample Examined: 4055
Lease Number: G02062	Source of Paleo: OPERATOR	Borehole MD: 11507
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11507
API Well Number: 177044009700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 4055 - 11502	Water Depth: 253
Public Info Code: Y 18-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4055 /	DEF AT first sample examined	DEF AT 2
4170 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4200 /	DEF AT local marker foram decrease	DEF AT 3
5580 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7110 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7170 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7470 /	DEF AT - - - - -	DEF AT 3
11502 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 334	Date of Summary: 02-JUL-1973	First Sample Examined: 1100
Lease Number: G02062	Source of Paleo: OPERATOR	Borehole MD: 11501
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11501
API Well Number: 177044020900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1100 - 11500	Water Depth: 253
Public Info Code: Y 29-JUL-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 /	DEF AT first sample examined	DEF IN 3
2000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6790 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6910 /	DEF AT - - - - -	DEF AT 4
7360 /	DEF AT - - - - -	DEF AT 3
9760 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 335	Date of Summary: 12-AUG-1974	First Sample Examined: 1000
Lease Number: G02439	Source of Paleo: OPERATOR	Borehole MD: 14237
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14237
API Well Number: 177044025800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1000 - 14237	Water Depth: 272
Public Info Code: Y 06-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1120 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5980 /	DEF AT - - - - -	DEF AT 4
6460 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7390 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11110 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
14237 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 335	Date of Summary: 09-JUL-1975	First Sample Examined: 380
Lease Number: G02439	Source of Paleo: OPERATOR	Borehole MD: 15766
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15178
API Well Number: 177044030300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 380 - 15760	Water Depth: 272
Public Info Code: Y 28-JUL-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
380 / 380	DEF AT first sample examined	DEF IN 2
1250 / 1250	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2150 / 2149	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3650 / 3645	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7270 / 7144	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9099 / 8919	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9100 / 8920	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
11440 / 11159	DEF AT local marker benthic foram increase	DEF AT 4
11550 / 11262	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
15010 / 14483	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
15760 / 15173	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 335	Date of Summary: 28-AUG-1975	First Sample Examined: 6500
Lease Number: G02439	Source of Paleo: OPERATOR	Borehole MD: 12736
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11674
API Well Number: 177044031500	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6500 - 12680	Water Depth: 272
Public Info Code: Y 19-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 5703	DEF AT first sample examined	DEF IN 3
6560 / 5753	DEF AT - - - - -	DEF AT 4
7580 / 6578	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8630 / 7428	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10400 / 8863	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11000 / 9332	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
12680 / 10631	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 09-MAY-1973	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6619
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6619
API Well Number: 177044009200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1500 - 6610	Water Depth: 268
Public Info Code: Y 14-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF AT 3
1501 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1710 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1770 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2280 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
2550 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3180 /	DEF AT pyrite	DEF AT 3
3400 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3730 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 3
3880 /	DEF AT pyrite	DEF AT 3
4000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5020 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
5950 /	DEF AT pyrite	DEF IN 3
6039 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6040 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6610 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 13-JUN-1972	First Sample Examined: 1200
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7033
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7033
API Well Number: 177044011400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1200 - 7020	Water Depth: 268
Public Info Code: Y 09-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	DEF IN 3
1860 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5910 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6540 /	DEF AT calcite	DEF AT 5
6930 /	DEF AT local marker deep water fauna	DEF AT 6
7020 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 22-JAN-1973	First Sample Examined: 2500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6714
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 6714
API Well Number: 177044015400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6714	Water Depth: 270
Public Info Code: Y 02-FEB-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 /	DEF AT first sample examined	DEF IN 3
2501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4780 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6310 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
6714 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 03-JAN-1973	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8072
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6220
API Well Number: 177044015600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1500 - 8070	Water Depth: 272
Public Info Code: Y 13-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1456	DEF AT first sample examined	DEF IN 3
2370 / 2020	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7740 / 5927	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8070 / 6223	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 01-FEB-1973	First Sample Examined: 4300
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7867
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 7300
API Well Number: 177044015401	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4300 - 7867	Water Depth: 270
Public Info Code: Y 02-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 / 4286	DEF AT first sample examined	DEF IN 3
4780 / 4735	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7180 / 6781	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7720 / 7234	DEF AT - - - - -	DEF AT 4
7868 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 09-JAN-1974	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7105
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177044024400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1500 - 7100	Water Depth: 271
Public Info Code: Y 31-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF IN 3
1850 / 1849	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4225 / 4175	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6100 / 6014	DEF AT Arenaceous fauna (local marker)	DEF IN 3
6200 / 6112	DEF AT - - - - -	DEF AT 4
7025 / 6922	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7100 / 6995	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 06-FEB-1974	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6044
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5814
API Well Number: 177044024700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1500 - 6045	Water Depth: 271
Public Info Code: Y 06-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 3
1850 / 1850	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4275 / 4174	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5725 / 5522	DEF AT Arenaceous fauna (local marker)	DEF IN 3
5875 / 5658	DEF AT - - - - -	DEF AT 4
6045 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 19-MAR-1974	First Sample Examined: 1400
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 9090
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8311
API Well Number: 177044025000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1400 - 9075	Water Depth: 271
Public Info Code: Y 10-APR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1375	DEF AT first sample examined	DEF IN 3
2050 / 1879	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4875 / 4066	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7800 / 6387	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8550 / 7079	DEF AT - - - - -	DEF AT 4
8850 / 7351	DEF AT Cyclamina sp. (local marker)	DEF AT 4
8975 / 7464	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9075 / 7555	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 16-APR-1974	First Sample Examined: 1450
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8989
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6905
API Well Number: 177044025100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1450 - 8975	Water Depth: 271
Public Info Code: Y 12-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1450 / 1431	DEF AT first sample examined	DEF IN 3
2025 / 1932	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7850 / 6134	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8450 / 6543	DEF AT - - - - -	DEF AT 4
8775 / 6761	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8975 / 6934	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 05-JUN-1974	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8090
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6429
API Well Number: 177044025500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 1500 - 7275	Water Depth: 271
Public Info Code: Y 27-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1484	DEF AT first sample examined	DEF IN 3
2225 / 2112	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7275 / 5832	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 05-JUN-1974	First Sample Examined: 4000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8090
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6429
API Well Number: 177044025500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 4000 - 8090	Water Depth: 271
Public Info Code: Y 27-JUN-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
4000 / 3427	DEF AT first sample examined	DEF IN 3
6775 / 5506	DEF AT - - - - -	DEF AT 4
6825 / 5540	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7300 / 5848	DEF AT - - - - -	DEF AT 3
7525 / 5998	DEF AT - - - - -	DEF AT 4
7650 / 6092	DEF AT - - - - -	DEF AT 5
8090 / 6432	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 19-JUL-1974	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6985
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5493
API Well Number: 177044025600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1500 - 3275	Water Depth: 271
Public Info Code: Y 10-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1494	DEF AT first sample examined	DEF IN 3
1875 / 1849	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3275 / 2857	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 22-AUG-1974	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 9021
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 7812
API Well Number: 177044026900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1500 - 9221	Water Depth: 271
Public Info Code: Y 16-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1499	DEF AT first sample examined	DEF IN 3
1900 / 1892	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4550 / 4180	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7675 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
9221 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 15-APR-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8090
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6429
API Well Number: 177044029900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 3000 - 6275	Water Depth: 271
Public Info Code: Y 20-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2812	DEF AT first sample examined	DEF AT
4225 / 3834	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6275 / 5789	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 28-MAY-1975	First Sample Examined: 6275
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8090
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6429
API Well Number: 177044029900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 6275 - 6850	Water Depth: 271
Public Info Code: Y 20-JUN-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6275 / 5789	DEF AT first sample examined	DEF IN 3
6625 / 6134	DEF AT - - - - -	DEF AT 4
6750 / 6257	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6850 / 6355	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 24-SEP-1974	First Sample Examined: 1500
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7034
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 177044027400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1500 - 7025	Water Depth: 271
Public Info Code: Y 18-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1494	DEF AT first sample examined	DEF IN 3
1875 / 1843	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5050 / 4036	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7025 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 12-DEC-1974	First Sample Examined: 2000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 9175
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6565
API Well Number: 177044027900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9175	Water Depth: 271
Public Info Code: Y 09-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 1971	DEF AT first sample examined	DEF IN 3
5125 / 4073	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5975 / 4603	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8575 / 6192	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8700 /	DEF AT - - - - -	DEF AT 4
8875 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9175 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 09-JAN-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7800
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 177044028800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7800	Water Depth: 271
Public Info Code: Y 05-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2702	DEF AT first sample examined	DEF IN 3
6950 / 5957	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7800 / 6801	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 25-MAR-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 10207
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6487
API Well Number: 177044029600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 3000 - 10125	Water Depth: 271
Public Info Code: Y 19-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2704	DEF AT first sample examined	DEF IN 3
5025 / 3913	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6400 / 4652	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9650 / 6216	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10125 / 6447	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 25-MAR-1975	First Sample Examined: 8950
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 10207
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6487
API Well Number: 177044029600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 8950 - 10200	Water Depth: 271
Public Info Code: Y 19-APR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8950 / 5889	DEF AT first sample examined	DEF IN 3
9575 / 6179	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10200 / 6483	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 20-MAY-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8590
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 7465
API Well Number: 177044031300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8550	Water Depth: 271
Public Info Code: Y 12-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2784	DEF AT first sample examined	DEF IN 3
4750 / 4128	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7400 / 6453	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8550 / 7432	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 07-NOV-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8645
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 5193
API Well Number: 177044032900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 3000 - 8625	Water Depth: 271
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2381	DEF AT first sample examined	DEF IN 3
5500 / 3678	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6675 / 4394	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8625 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 26-FEB-1976	First Sample Examined: 4700
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 8645
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 5193
API Well Number: 177044032900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 4700 - 8540	Water Depth: 271
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Redrill report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 3213	DEF AT first sample examined	DEF IN 3
5450 / 3648	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6475 / 4268	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8540 / 5692	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 31-JUL-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 10339
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 8092
API Well Number: 177044032000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 10325	Water Depth: 271
Public Info Code: Y 25-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 2993	DEF AT first sample examined	DEF IN 3
3850 / 3742	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4350 / 4121	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8025 / 6534	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9875 / 7777	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10075 / 7908	DEF AT calcite	DEF AT
10325 / 8083	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 01-OCT-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6911
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 6326
API Well Number: 177044033600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6900	Water Depth: 271
Public Info Code: Y 21-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 2751	DEF AT first sample examined	DEF IN 3
4300 / 3789	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4975 / 4417	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6625 / 6042	DEF AT Arenaceous fauna (local marker)	DEF IN 3
6900 / 6315	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 04-DEC-1975	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6950
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 5629
API Well Number: 177044034600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6950	Water Depth: 271
Public Info Code: Y 25-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2652	DEF AT first sample examined	DEF IN 3
4900 / 3927	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6950 / 5630	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 19-FEB-1976	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6985
Well Name: A019	Paleo Done By: OPERATOR	Borehole TVD: 5493
API Well Number: 177044025601	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6975	Water Depth: 271
Public Info Code: Y 17-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2610	DEF AT first sample examined	DEF IN 3
4650 / 3750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5575 / 4409	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6975 / 5486	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 06-APR-1976	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 7557
Well Name: A021	Paleo Done By: OPERATOR	Borehole TVD: 5411
API Well Number: 177044034901	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7450	Water Depth: 271
Public Info Code: Y 27-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2589	DEF AT first sample examined	DEF IN 3
4825 / 3663	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5900 / 4327	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7450 / 5339	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 12-MAR-1976	First Sample Examined: 3000
Lease Number: G02063	Source of Paleo: OPERATOR	Borehole MD: 6205
Well Name: A022	Paleo Done By: OPERATOR	Borehole TVD: 4995
API Well Number: 177044025101	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6200	Water Depth: 271
Public Info Code: Y 05-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2595	DEF AT first sample examined	DEF IN 3
4400 / 3557	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5250 / 4231	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6200 / 4991	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 13-MAR-1973	First Sample Examined: 1000
Lease Number: G02064	Source of Paleo: OPERATOR	Borehole MD: 11157
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8178
API Well Number: 177044017900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 1000 - 11157	Water Depth: 278
Public Info Code: Y 28-JAN-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 999	DEF AT first sample examined	DEF IN 3
2020 / 1938	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5130 / 3743	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9240 / 6387	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10110 / 7190	DEF AT - - - - -	DEF AT 6
11157 / 8178	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 10-JUL-1973	First Sample Examined: 1000
Lease Number: G02064	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11157
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8178
API Well Number: 177044017900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 1000 - 11157	Water Depth: 278
Public Info Code: Y 28-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 999	DEF AT first sample examined	DEF IN 2
1150 / 1148	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1180 / 1178	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2020 / 1938	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3790 / 2965	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4830 / 3575	DEF AT pyrite	DEF AT 2
5040 / 3693	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6390 / 4470	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9120 / 6277	DEF AT pyrite	DEF IN 3
9180 / 6332	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
9240 / 6387	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
9330 / 6470	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9360 / 6497	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9480 / 6608	POS AT gouge	DEF IN 5
11010 / 8037	DEF AT gouge	DEF AT 6
11157 / 8178	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 338	Date of Summary: 13-JAN-1976	First Sample Examined: 3000
Lease Number: G02064	Source of Paleo: OPERATOR	Borehole MD: 12560
Well Name: A020	Paleo Done By: OPERATOR	Borehole TVD: 7308
API Well Number: 177044034900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3000 - 12550	Water Depth: 271
Public Info Code: Y 28-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2562	DEF AT first sample examined	DEF IN 3
5950 / 3967	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
11450 / 6497	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11725 / 6683	DEF AT - - - - -	DEF AT 4
11875 / 6791	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12550 / 7301	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 339	Date of Summary: 06-OCT-1983	First Sample Examined: 3260
Lease Number: G05024	Source of Paleo: OPERATOR	Borehole MD: 8994
Well Name: 004	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7950
API Well Number: 177044057600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3260 - 8900	Water Depth: 263
Public Info Code: Y 30-MAR-1987	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3260 / 3000	DEF AT first sample examined	DEF AT 1
3410 / 3125	DEF AT -----	POS AT 1
3440 / 3150	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3470 / 3175	DEF AT -----	DEF AT 1
3800 / 3453	DEF AT -----	POS AT 1
3890 / 3529	DEF AT -----	DEF AT 1
4010 / 3631	DEF AT -----	POS AT 1
4040 / 3657	DEF AT -----	DEF AT 1
4131 / 3734	DEF AT -----	POS AT 1
4250 / 3836	DEF AT -----	DEF AT 1
4341 / 3914	DEF AT -----	POS AT 1
4400 / 3965	DEF AT -----	DEF AT 1
4460 / 4017	DEF AT -----	POS AT 1
4550 / 4095	DEF AT -----	DEF AT 1
4880 / 4382	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 1
5240 / 4698	DEF AT -----	POS AT 1
5300 / 4751	DEF AT reworked material	POS AT 1
5540 / 4965	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 1
5720 / 5125	DEF AT -----	POS AT 1
5870 / 5258	DEF AT -----	DEF AT 1
6140 / 5494	DEF AT -----	POS AT 1
6380 / 5698	DEF AT -----	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 339	Date of Summary: 06-OCT-1983	First Sample Examined: 3260
Lease Number: G05024	Source of Paleo: OPERATOR	Borehole MD: 8994
Well Name: 004	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7950
API Well Number: 177044057600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3260 - 8900	Water Depth: 263
Public Info Code: Y 30-MAR-1987	Ecozone Eq MMS: N	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
6740 / 6005	DEF AT -----	POS AT 1
6800 / 6056	DEF AT -----	DEF AT 1
7070 / 6288	DEF AT -----	POS AT 1
7340 / 6521	DEF AT -----	DEF AT 1
7430 / 6599	DEF AT -----	POS AT 1
7490 / 6651	DEF AT Arenaceous fauna (local marker)	DEF AT 1
7610 / 6755	DEF AT -----	DEF AT 1
7820 / 6937	DEF AT -----	DEF AT 2
7970 / 7067	DEF AT -----	DEF AT 1
8030 / 7120	DEF AT -----	POS AT 1
8120 / 7198	DEF AT -----	DEF AT 1
8240 / 7302	DEF AT -----	POS AT 1
8300 / 7354	DEF AT -----	DEF AT 1
8330 / 7380	DEF AT -----	POS AT 1
8360 / 7406	DEF AT -----	DEF AT 1
8540 / 7562	DEF AT -----	POS AT 1
8600 / 7614	DEF AT local marker foram increase	DEF AT 1
8780 / 7770	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
8840 / 7822	DEF AT Cyclammina cancellata (local marker)	DEF AT 1
8900 / 7874	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 348	Date of Summary: 17-MAR-1982	First Sample Examined: 1000
Lease Number: G04418	Source of Paleo: OPERATOR	Borehole MD: 8875
Well Name: 001	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 7994
API Well Number: 177044053400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8890	Water Depth: 286
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT
1150 / 1150	DEF AT faunal change (no faunal increase)	DEF AT 1
1480 / 1478	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 1
2230 / 2177	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3190 / 3011	DEF AT cement	POS AT 1
3310 / 3115	DEF AT faunal change (no faunal increase)	DEF AT 1
4330 / 4010	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
4360 / 4036	POS AT unconformity	DEF AT 1
5200 / 4776	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
6130 / 5595	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 1
6160 / 5622	DEF AT faunal change (no faunal increase)	DEF AT 1
7630 / 6922	POS AT local marker (general)	DEF AT 1
8230 / 7446	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8740 / 7880	POS AT Arenaceous fauna (local marker)	POS AT 1
8890 /	DEF AT last sample examined	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 348	Date of Summary: 21-APR-1982	First Sample Examined: 3790
Lease Number: G04418	Source of Paleo: OPERATOR	Borehole MD: 8531
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 6715
API Well Number: 177044054000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3790 - 8530	Water Depth: 286
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3790 / 2984	DEF AT first sample examined	POS AT 1
4030 / 3136	DEF AT faunal change (no faunal increase)	DEF AT 1
4210 / 3253	DEF AT faunal change (no faunal increase)	DEF AT
4240 / 3273	DEF AT faunal change (no faunal increase)	DEF AT 1
5830 / 4375	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
6640 / 5072	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7360 / 5692	DEF AT local marker (general)	DEF AT 1
7990 / 6239	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8500 / 6669	DEF AT Arenaceous fauna (local marker)	DEF AT 1
8530 / 6695	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 28-APR-1971	First Sample Examined: 1100
Lease Number: G02066	Source of Paleo: OPERATOR	Borehole MD: 4612
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4612
API Well Number: 177044000900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 1100 - 4610	Water Depth: 330
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 /	DEF AT first sample examined	DEF IN 3
2180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3755 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4610 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 27-SEP-1971	First Sample Examined: 1100
Lease Number: G02066	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 4612
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 4612
API Well Number: 177044000900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 1100 - 4610	Water Depth: 330
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 /	DEF AT first sample examined	DEF IN 3
1101 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 3
2090 /	POS IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
2180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2270 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2945 /	DEF AT pyrite	DEF AT 3
3710 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3755 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3800 /	DEF AT pyrite	DEF AT 3
4339 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4340 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
4610 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 03-JUN-1975	First Sample Examined: 1400
Lease Number: G02066	Source of Paleo: OPERATOR	Borehole MD: 8520
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8520
API Well Number: 177044030900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1400 - 8520	Water Depth: 330
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 /	DEF AT first sample examined	DEF IN 3
2050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4400 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5030 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6210 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7140 /	DEF AT - - - -	DEF AT 4
7467 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
7680 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8280 /	DEF AT calcite	POS AT 5
8520 /	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 02-JUL-1981	First Sample Examined: 3560
Lease Number: G04419	Source of Paleo: OPERATOR	Borehole MD: 6513
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6498
API Well Number: 177044051300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 3560 - 5540	Water Depth: 297
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 /	DEF AT first sample examined	POS AT 3
3561 /	DEF AT cement	POS AT 3
3890 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4820 /	DEF AT - - - - -	DEF AT 2
5330 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5540 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 05-FEB-1986	First Sample Examined: 1563
Lease Number: G04419	Source of Paleo: OPERATOR	Borehole MD: 6513
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6498
API Well Number: 177044051300	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1563 - 13500	Water Depth: 297
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1563 /	DEF AT first sample examined	DEF IN 2
2220 /	DEF AT - - - - -	DEF IN 2
2370 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
4080 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
6900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
7830 /	DEF AT - - - - -	DEF AT 3
8700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8701 /	DEF AT anhydrite	DEF AT 3
8702 /	DEF AT gouge	DEF AT 3
8760 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
8880 /	DEF AT anhydrite	DEF AT 3
9870 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11010 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
13350 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
13500 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 02-JUL-1981	First Sample Examined: 3740
Lease Number: G04419	Source of Paleo: OPERATOR	Borehole MD: 5634
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5121
API Well Number: 177044051301	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 3740 - 6480	Water Depth: 297
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
3740 / 3695	DEF AT first sample examined	POS AT 3
3741 / 3696	DEF AT cement	POS AT 3
3800 / 3741	DEF AT - - - - -	DEF AT 3
4550 / 4301	DEF AT - - - - -	DEF AT 4
4610 / 4346	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4700 / 4414	DEF AT - - - - -	DEF AT 3
5240 / 4822	DEF AT cement	DEF AT 3
5610 / 5102	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6120 /	DEF AT local marker benthic foram increase	DEF AT 3
6480 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 13-JUL-1981	First Sample Examined: 3125
Lease Number: G04419	Source of Paleo: OPERATOR	Borehole MD: 5634
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5121
API Well Number: 177044051301	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 3125 - 5632	Water Depth: 297
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3125 / 3125	DEF AT first sample examined	DEF AT 2
3480 / 3470	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4740 / 4444	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5010 / 4648	DEF AT - - - - -	DEF AT 3
5632 / 5119	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 349	Date of Summary: 18-AUG-1981	First Sample Examined: 3130
Lease Number: G04419	Source of Paleo: OPERATOR	Borehole MD: 4650
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4650
API Well Number: 177044051400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3130 - 4660	Water Depth: 288
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3130 /	DEF AT first sample examined	DEF AT 3
3220 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3640 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3910 /	DEF AT - - - - -	DEF AT 3
4660 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 351	Date of Summary: 27-MAR-1975	First Sample Examined: 0
Lease Number: G02262	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7056
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7056
API Well Number: 177044029700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 293
Public Info Code: Y 28-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2494 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4757 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6100 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 352	Date of Summary: 21-JAN-1974	First Sample Examined: 0
Lease Number: G02263	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9293
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9293
API Well Number: 177044018700	Drilling Operator: LOUISIANA LAND OFFSHORE EXPLOR	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 288
Public Info Code: Y 12-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT -----	DEF AT 2
1250 /	DEF AT -----	DEF AT 3
2660 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5860 /	DEF AT -----	DEF AT 4
6670 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 352	Date of Summary: 29-JAN-1974	First Sample Examined: 0
Lease Number: G02263	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5000
API Well Number: 177044024600	Drilling Operator: LOUISIANA LAND OFFSHORE EXPLOR	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 02-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1190 /	DEF AT - - - - -	DEF AT 3
2420 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 352	Date of Summary: 11-DEC-1974	First Sample Examined: 1100
Lease Number: G02263	Source of Paleo: OPERATOR	Borehole MD: 11810
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11810
API Well Number: 177044025400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1100 - 11810	Water Depth: 290
Public Info Code: Y 04-JAN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF IN 2
1490 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
2960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6470 /	DEF AT - - - - -	DEF AT 4
6800 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9020 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10190 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
11690 /	DEF AT local marker deep water fauna	DEF AT 5
11810 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 352	Date of Summary: 31-JAN-1985	First Sample Examined: 1100
Lease Number: G02263	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11810
Well Name: 004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11810
API Well Number: 177044025400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1100 - 11810	Water Depth: 290
Public Info Code: Y 04-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF AT 2
1220 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1400 /	DEF AT local marker benthic foram increase	DEF AT 2
1520 /	POS AT local marker planktic foram increase	DEF AT 2
1580 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
1880 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2090 /	DEF AT foram flood	DEF AT 3
2180 /	DEF AT local marker foram decrease	DEF AT 3
2570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5120 /	POS AT local marker benthic foram increase	DEF AT 2
5510 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6800 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7190 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
7910 /	DEF AT local marker foram decrease	DEF AT 4
8930 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9710 /	DEF AT local marker benthic foram increase	DEF AT 4
9980 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
10220 /	POS AT local marker benthic foram increase	DEF AT 4
10700 /	DEF AT local marker planktic foram increase	DEF AT 4
11480 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11659 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 352	Date of Summary: 31-JAN-1985	First Sample Examined: 1100
Lease Number: G02263	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11810
Well Name: 004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11810
API Well Number: 177044025400	Drilling Operator: LOUISIANA LAND AND EXPLORATION COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1100 - 11810	Water Depth: 290
Public Info Code: Y 04-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11660 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11810 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 353	Date of Summary: 08-MAY-1973	First Sample Examined: 1150
Lease Number: G02264	Source of Paleo: OPERATOR	Borehole MD: 13960
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13960
API Well Number: 177044019300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 1150 - 13960	Water Depth: 300
Public Info Code: Y 04-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 /	DEF AT first sample examined	DEF IN 3
2440 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6190 /	DEF AT - - - - -	DEF AT 4
6250 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
13960 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 353	Date of Summary: 29-AUG-1973	First Sample Examined: 1150
Lease Number: G02264	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13960
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13960
API Well Number: 177044019300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 1150 - 13960	Water Depth: 300
Public Info Code: Y 04-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	DEF AT 3
1151 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1180 /	DEF AT glauconite	DEF AT 3
2410 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3520 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5890 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6190 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
6250 /	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7330 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
7510 /	DEF AT local marker benthic foram increase	DEF AT 4
7540 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7660 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9309 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9310 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9490 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
9640 /	POS IN Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 5
9700 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
10060 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
10270 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12250 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13240 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13750 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 353	Date of Summary: 29-AUG-1973	First Sample Examined: 1150
Lease Number: G02264	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13960
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13960
API Well Number: 177044019300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 1150 - 13960	Water Depth: 300
Public Info Code: Y 04-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13960 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 353	Date of Summary: 18-JUN-1973	First Sample Examined: 1980
Lease Number: G02264	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177044020200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 1980 - 10000	Water Depth: 308
Public Info Code: Y 15-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1980 /	DEF AT first sample examined	DEF IN 3
2490 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6660 /	DEF AT - - - - -	DEF AT 4
7020 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10000 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 353	Date of Summary: 26-MAR-1985	First Sample Examined: 1980
Lease Number: G02264	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 10000
API Well Number: 177044020200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1980 - 9000	Water Depth: 308
Public Info Code: Y 15-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1980 /	DEF AT first sample examined	DEF IN 2
2070 /	DEF AT local marker planktic foram increase	DEF AT 3
2190 /	DEF AT sample gap top	POS AT 3
7740 /	DEF AT sample gap bottom	DEF AT 3
8370 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
8970 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 353	Date of Summary: 14-FEB-1974	First Sample Examined: 1350
Lease Number: G02264	Source of Paleo: OPERATOR	Borehole MD: 6858
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6858
API Well Number: 177044024900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1350 - 6855	Water Depth: 305
Public Info Code: Y 09-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 /	DEF AT first sample examined	DEF IN 3
2370 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5580 /	DEF AT faunal change (no faunal increase)	DEF AT 4
5670 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6855 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 359	Date of Summary: 04-OCT-1974	First Sample Examined: 1150
Lease Number: G02567	Source of Paleo: OPERATOR	Borehole MD: 4232
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4232
API Well Number: 177044028400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1150 - 4230	Water Depth: 340
Public Info Code: Y 25-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	DEF IN 3
2470 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2590 /	POS AT unconformity	DEF IN 3
4230 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 359	Date of Summary: 25-NOV-1974	First Sample Examined: 1300
Lease Number: G02567	Source of Paleo: OPERATOR	Borehole MD: 9300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8197
API Well Number: 177044029000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1300 - 9300	Water Depth: 340
Public Info Code: Y 21-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 / 1300	DEF AT first sample examined	DEF AT 3
1301 / 1301	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4570 / 4303	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4870 / 4558	DEF AT - - - - -	DEF AT 4
5920 / 5423	DEF AT - - - - -	DEF AT 5
6850 / 6186	DEF AT - - - - -	DEF AT 6
7240 / 6503	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7810 / 6982	DEF AT - - - - -	DEF IN 3
8410 / 7483	DEF AT - - - - -	DEF AT 5
9150 / 8082	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9300 / 8198	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 365	Date of Summary: 01-SEP-1981	First Sample Examined: 1290
Lease Number: G03806	Source of Paleo: OPERATOR	Borehole MD: 7350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6906
API Well Number: 177044047900	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1200 - 7350	Water Depth: 458
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 / 1200	DEF AT first sample examined	POS AT 4
1290 / 1290	DEF IN Wisconsin fauna (local marker)	DEF AT 4
2190 / 2190	DEF AT faunal change (no faunal increase)	DEF AT 3
2730 / 2730	DEF AT faunal change (no faunal increase)	DEF AT 2
3200 / 3200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4960 / 4856	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
5280 / 5130	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5560 / 5368	DEF AT Eggerella sp. (local marker)	DEF AT 5
6040 / 5769	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6810 / 6444	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7350 / 6906	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 365	Date of Summary: 07-MAY-1981	First Sample Examined: 0
Lease Number: G03806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8633
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6001
API Well Number: 177044048100	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 458
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3420 / 3051	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6900 / 5043	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 371	Date of Summary: 08-MAR-1974	First Sample Examined: 930
Lease Number: G02267	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10076
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10076
API Well Number: 177044019900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 930 - 10060	Water Depth: 380
Public Info Code: Y 16-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
930 /	DEF AT first sample examined	DEF AT 2
1830 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3030 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
4080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4950 /	DEF AT local marker benthic foram increase	DEF AT 3
6940 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
7270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
8020 /	DEF AT pyrite	DEF AT 4
8200 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9220 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
10060 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 371	Date of Summary: 19-DEC-1984	First Sample Examined: 930
Lease Number: G02267	Source of Paleo: OPERATOR	Borehole MD: 10076
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10076
API Well Number: 177044019900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 930 - 10060	Water Depth: 380
Public Info Code: Y 16-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
930 /	DEF AT first sample examined	DEF AT 1
1830 /	DEF AT -----	DEF AT 2
2700 /	DEF AT -----	DEF AT 1
3030 /	DEF AT -----	DEF AT 2
3360 /	DEF AT -----	DEF AT 1
3810 /	DEF AT -----	DEF AT 2
4080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
4800 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
5290 /	DEF AT -----	DEF AT 1
5800 /	DEF AT -----	DEF AT 2
5860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
6220 /	DEF AT -----	DEF AT 1
6940 /	DEF AT -----	DEF AT 3
7660 /	DEF AT -----	DEF AT 2
8440 /	DEF AT -----	DEF AT 3
8770 /	DEF AT -----	DEF AT 2
9220 /	DEF AT -----	DEF AT 3
9730 /	DEF AT -----	DEF AT 2
10060 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 371	Date of Summary: 18-JUL-1974	First Sample Examined: 1360
Lease Number: G02267	Source of Paleo: OPERATOR	Borehole MD: 7050
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7050
API Well Number: 177044026400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1360 - 7050	Water Depth: 375
Public Info Code: Y 05-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1360 /	DEF AT first sample examined	DEF AT 2
1870 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2170 /	DEF AT - - - - -	DEF AT 3
2650 /	DEF AT local marker planktic foram increase	DEF AT 4
3010 /	DEF AT - - - - -	DEF AT 3
3660 /	DEF AT - - - - -	DEF AT 2
3780 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
7050 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EC 374	Date of Summary: 01-MAY-1979	First Sample Examined: 1400
Lease Number: G02571	Source of Paleo: OPERATOR	Borehole MD: 8312
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8312
API Well Number: 177044044100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1400 - 8280	Water Depth: 531
Public Info Code: Y 04-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 /	DEF AT first sample examined	POS AT 4
1401 /	DEF AT cement	POS AT 4
1580 /	DEF AT - - - - -	DEF AT 4
3320 /	DEF AT - - - - -	DEF AT 3
3980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4530 /	DEF AT cement	POS AT 3
4800 /	DEF AT - - - - -	DEF AT 3
6450 /	DEF AT - - - - -	DEF AT 4
6600 /	DEF AT - - - - -	DEF AT 3
7170 /	DEF AT sample gap top	POS AT 3
7379 /	DEF AT sample gap bottom	POS AT 3
7380 /	DEF AT cement	POS AT 3
7440 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
8010 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8280 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 19	Date of Summary: 25-JUN-1982	First Sample Examined: 8000
Lease Number: 00794	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11500
API Well Number: 177094050600	Drilling Operator: QUINTANA OFFSHORE INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 8000 - 11500	Water Depth: 8
Public Info Code: Y 27-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF IN 2
8450 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
9080 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
10070 /	DEF AT - - - - -	DEF AT 3
10130 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10280 /	DEF AT - - - - -	DEF AT 4
10970 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
11270 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 26	Date of Summary: 27-OCT-1977	First Sample Examined: 6700
Lease Number: G03147	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11760
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10910
API Well Number: 177094028400	Drilling Operator: TEXACO INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 6700 - 11780	Water Depth: 21
Public Info Code: Y 23-SEP-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6700	DEF AT first sample examined	DEF AT 2
6910 / 6910	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7030 / 7029	DEF AT local marker foram decrease	DEF AT 3
7900 / 7862	DEF AT pyrite	DEF AT 3
8860 / 8677	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
8910 / 8716	POS AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 3
9150 / 8908	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9290 / 9021	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
9320 / 9046	DEF AT local marker foram decrease	DEF AT 4
9440 / 9144	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
9530 / 9217	DEF AT Eggerella sp. (local marker)	DEF AT 4
9740 / 9389	POS AT local marker planktic foram increase	DEF AT 4
9800 / 9438	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9829 / 9462	DEF AT Eggerella sp. (local marker)	DEF AT 5
9830 / 9463	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
9980 / 9585	DEF AT local marker benthic foram increase	DEF IN 4
10309 / 9842	DEF AT local marker planktic foram increase	DEF AT 5
10310 / 9843	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10400 / 9913	DEF AT pyrite	DEF AT 5
10460 / 9959	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
10610 / 10071	DEF IN Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 5
11780 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 27	Date of Summary: 26-SEP-1983	First Sample Examined: 0
Lease Number: 00312	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17050
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 17041
API Well Number: 177094054100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 29-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6810 / 6810	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9940 / 9939	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11425 / 11424	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13540 / 13535	DEF AT deepwater facies Harang	DEF AT
14050 / 14044	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 27	Date of Summary: 22-JUL-1975	First Sample Examined: 0
Lease Number: 00312	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11042
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 10627
API Well Number: 177094023500	Drilling Operator: TEXACO INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 29-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7280 / 6991	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8995 / 8643	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9559 / 9189	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10900 / 10490	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 27	Date of Summary: 22-JUL-1975	First Sample Examined: 0
Lease Number: 00312	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11413
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 10690
API Well Number: 177094023501	Drilling Operator: TEXACO INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 29-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9062 / 8587	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9660 / 9117	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11113 / 10422	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 30	Date of Summary: 05-FEB-1987	First Sample Examined: 0
Lease Number: G05039	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16944
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16896
API Well Number: 177094073400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 19-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6500 / 6500	DEF AT - - - - -	DEF AT 2
7640 / 7640	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9440 / 9439	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9470 / 9469	DEF AT - - - - -	DEF AT 3
10280 / 10279	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10670 / 10669	DEF AT - - - - -	DEF AT 4
11180 / 11179	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11810 / 11809	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
12320 / 12319	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
13230 / 13229	DEF AT - - - - -	DEF AT 5
13670 / 13668	DEF AT - - - - -	DEF AT 6
14450 / 14445	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 32	Date of Summary: 22-JUN-1995	First Sample Examined: 0
Lease Number: 00196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 11496
API Well Number: 177092019100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 26-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8850 / 8847	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9638 / 9634	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10316 / 10312	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 32	Date of Summary: 14-SEP-1971	First Sample Examined: 10458
Lease Number: 00196	Source of Paleo: OPERATOR	Borehole MD: 13219
Well Name: 021	Paleo Done By: OPERATOR	Borehole TVD: 13219
API Well Number: 177092018100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 22
Paleo Report Num: 1 of 1	Sample Range: 10458 - 13219	Water Depth: 10
Public Info Code: Y 14-OCT-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10458 /	DEF AT first sample examined	DEF AT
10459 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
12600 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13219 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 32	Date of Summary: 23-JUN-1997	First Sample Examined: 0
Lease Number: 00196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 022	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177094014800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7475 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7635 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8335 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
8690 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9330 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9565 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
10380 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12200 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 38	Date of Summary: 20-MAR-2000	First Sample Examined: 0
Lease Number: G02894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12843
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12843
API Well Number: 177094033800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 17-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11600 / 11598	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12170 / 12168	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 38	Date of Summary: 24-JUN-1995	First Sample Examined: 0
Lease Number: G02894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12910
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12651
API Well Number: 177094024302	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 28-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7732 / 7705	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10776 / 10667	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
12070 / 11883	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 38	Date of Summary: 14-JUL-1976	First Sample Examined: 0
Lease Number: G02894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13044
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13044
API Well Number: 177094026400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 25-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10880 / 10877	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
12440 / 12437	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12730 / 12727	DEF AT Cyclammina cancellata (local marker)	DEF AT
13030 / 13027	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 38	Date of Summary: 01-SEP-1977	First Sample Examined: 6570
Lease Number: G02894	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12605
Well Name: 007	Paleo Done By: LEE LATTA	Borehole TVD: 12605
API Well Number: 177094027400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 6570 - 12610	Water Depth: 10
Public Info Code: Y 16-JAN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6570 / 6569	DEF AT first sample examined	POS AT 2
7930 / 7928	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8350 / 8348	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9460 / 9458	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10090 / 10088	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10180 / 10178	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
10360 / 10358	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
10810 / 10808	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
10960 / 10957	POS AT local marker foram increase	DEF AT 4
10990 / 10987	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
11290 / 11287	DEF AT local marker foram increase	DEF AT 5
11470 / 11467	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11530 / 11527	DEF AT - - - - -	DEF AT 4
11770 / 11767	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12190 / 12187	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12610 /	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-1987

Area Block: EI 38	Date of Summary: 26-AUG-1977	First Sample Examined: 0
Lease Number: G02894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13153
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 13153
API Well Number: 177094029700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 12
Public Info Code: Y 10-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 / 10399	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
12650 / 12648	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
13040 / 13038	DEF AT Cyclammina cancellata (local marker)	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 39	Date of Summary: 15-NOV-1979	First Sample Examined: 0
Lease Number: G03779	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14887
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14607
API Well Number: 177094035200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 12-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7790 / 7788	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8050 / 8048	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8590 / 8588	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9760 / 9752	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
11150 / 11090	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
11470 / 11390	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12250 / 12119	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT
13150 / 12955	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
14110 / 13862	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 39	Date of Summary: 25-JAN-1980	First Sample Examined: 0
Lease Number: G03779	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177094036600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 21
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 12-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8280 / 8279	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10380 / 10379	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
11820 / 11818	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 39	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G03779	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177094041200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 12-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11270 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 40	Date of Summary: 01-APR-1985	First Sample Examined: 5800
Lease Number: G05480	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16495
API Well Number: 177094068100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 5800 - 16500	Water Depth: 10
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5800	DEF AT first sample examined	DEF AT 1
6480 / 6480	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8010 / 8010	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 1
8370 / 8370	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
9480 / 9479	DEF AT - - - - -	DEF AT 2
10680 / 10678	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
10860 / 10858	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
11400 / 11397	DEF AT - - - - -	DEF AT 3
11880 / 11877	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
12630 / 12627	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12960 / 12957	DEF AT - - - - -	DEF IN 3
14280 / 14276	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 3
14940 / 14935	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
15870 / 15865	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
16050 / 16045	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
16470 / 16465	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
16500 / 16495	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 47	Date of Summary: 30-JAN-1987	First Sample Examined: 6000
Lease Number: 00317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12150
Well Name: 007	Paleo Done By: ROBERT WITROCK	Borehole TVD: 12147
API Well Number: 177094040800	Drilling Operator: TEXACO INC	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 6000 - 12150	Water Depth: 22
Public Info Code: Y 24-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 2
6060 / 6060	DEF AT faunal change (no faunal increase)	DEF AT 2
6240 / 6240	DEF AT faunal change (no faunal increase)	DEF IN 1
6900 / 6900	DEF AT shell fragments	DEF IN 1
7610 / 7610	DEF AT faunal change (no faunal increase)	DEF AT 2
7670 / 7670	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7850 / 7850	DEF AT pyrite	DEF AT 2
7870 / 7870	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7960 / 7960	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8300 / 8299	DEF AT sand	DEF IN 1
8460 / 8459	DEF AT drilling material	DEF AT 2
9140 / 9139	DEF AT local marker benthic foram increase	DEF AT 3
9170 / 9169	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9200 / 9199	DEF AT sample gap top	POS AT 3
9260 / 9259	DEF AT sample gap bottom	DEF AT 3
9380 / 9379	DEF AT local marker foram decrease	DEF IN 2
9610 / 9609	POS AT local marker benthic foram increase	DEF IN 2
9640 / 9639	DEF AT local marker foram decrease	DEF IN 2
9729 / 9728	DEF AT Cyclammina sp. (local marker)	DEF AT 3
9730 / 9729	DEF AT local marker benthic foram increase	DEF AT 3
9820 / 9819	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
9848 / 9847	DEF AT foram flood	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 47	Date of Summary: 30-JAN-1987	First Sample Examined: 6000
Lease Number: 00317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12150
Well Name: 007	Paleo Done By: ROBERT WITROCK	Borehole TVD: 12147
API Well Number: 177094040800	Drilling Operator: TEXACO INC	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 6000 - 12150	Water Depth: 22
Public Info Code: Y 24-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9850 / 9849	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10000 / 9999	DEF AT sample gap top	POS AT 4
10179 / 10178	DEF AT sample gap bottom	DEF AT 5
10180 / 10179	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
10209 / 10208	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10210 / 10209	DEF AT Eggerella sp. (local marker)	DEF AT 5
10260 / 10259	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10410 / 10409	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10440 / 10439	DEF AT pyrite	DEF AT 5
10530 / 10529	DEF AT Eggerella sp. (local marker)	DEF AT 6
10620 / 10619	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
10800 / 10799	DEF AT drilling material	POS AT 6
10830 / 10829	DEF AT local marker foram decrease	DEF AT 5
10860 / 10859	DEF AT oxidized shale	DEF AT 5
11310 / 11309	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
11430 / 11428	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
11700 / 11698	DEF AT oxidized shale	DEF AT 5
12030 / 12028	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 5
12120 / 12118	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 50	Date of Summary: 12-FEB-1987	First Sample Examined: 0
Lease Number: G04859	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13712
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177094074100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3637 / 3636	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
9082 / 8824	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11936 / 11103	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 51	Date of Summary: 01-JUN-1981	First Sample Examined: 6970
Lease Number: 00075	Source of Paleo: OPERATOR	Borehole MD: 11196
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 10785
API Well Number: 177090044100	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 6970 - 9457	Water Depth: 20
Public Info Code: Y 24-MAR-1964	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6970 / 6720	DEF AT first sample examined	DEF AT
7880 / 7589	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
7956 / 7662	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
8887 / 8555	DEF AT local marker benthic foram increase	DEF AT
9187 / 8840	DEF AT Arenaceous fauna (local marker)	DEF AT
9457 / 9100	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 51	Date of Summary: 01-MAR-1960	First Sample Examined: 168
Lease Number: 00078	Source of Paleo: OPERATOR	Borehole MD: 14045
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14045
API Well Number: 177090043700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 55
Paleo Report Num: 1 of 2	Sample Range: 168 - 14021	Water Depth: 17
Public Info Code: Y 16-FEB-1960	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
168 /	DEF AT first sample examined	DEF AT
9031 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9679 /	DEF AT Eggerella sp. (local marker)	DEF AT
9707 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9771 /	DEF AT sample gap top	DEF AT
9860 /	DEF AT sample gap bottom	DEF AT
9861 /	DEF IN Upper Miocene (Tortonian) Bigenerina 2	DEF AT
10410 /	DEF AT Arenaceous fauna (local marker)	DEF AT
11323 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
11640 /	DEF AT sample gap top	DEF AT
11818 /	DEF AT sample gap bottom	DEF AT
11819 /	DEF AT local marker benthic foram increase	DEF AT
12215 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
12409 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
13287 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
13625 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
14021 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 51	Date of Summary: 16-MAY-1960	First Sample Examined: 5360
Lease Number: 00078	Source of Paleo: OPERATOR	Borehole MD: 13482
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13481
API Well Number: 177090043800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 5360 - 13482	Water Depth: 25
Public Info Code: Y 23-MAR-1962	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5360 / 5360	DEF AT first sample examined	DEF AT
8210 / 8209	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9810 / 9809	DEF AT local marker benthic foram increase	DEF AT
10389 / 10388	DEF AT Eggerella sp. (local marker)	DEF AT
10390 / 10389	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10420 / 10419	DEF AT Cyclamina cancellata (local marker)	DEF AT
10830 / 10829	POS AT local marker benthic foram increase	DEF AT
10860 / 10859	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11130 / 11129	POS AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT
12500 / 12499	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT
12560 / 12559	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12710 / 12709	POS AT Arenaceous fauna (local marker)	DEF AT
13160 / 13159	POS AT local marker benthic foram increase	DEF AT
13460 / 13459	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 57	Date of Summary: 27-DEC-1977	First Sample Examined: 0
Lease Number: G02601	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12987
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12985
API Well Number: 177094020900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 10
Public Info Code: Y 15-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7870 / 7869	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8200 / 8199	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10990 / 10988	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
12340 / 12338	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12640 / 12638	DEF AT Cyclammia cancellata (local marker)	DEF AT
12880 / 12878	DEF AT local marker deep water fauna	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 57	Date of Summary: 06-APR-1976	First Sample Examined: 4070
Lease Number: G02601	Source of Paleo: OPERATOR	Borehole MD: 13869
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13869
API Well Number: 177094024600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 4070 - 13870	Water Depth: 12
Public Info Code: Y 25-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4070 / 4069	DEF AT first sample examined	DEF AT 1
5480 / 5479	DEF AT faunal change (no faunal increase)	DEF AT 2
7810 / 7809	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8140 / 8139	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9250 / 9249	DEF AT sandstone	DEF AT 3
9550 / 9549	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10870 / 10869	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11200 / 11199	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
11680 / 11678	DEF AT faunal change (no faunal increase)	DEF AT 3
12069 / 12067	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
12070 / 12068	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
12250 / 12248	DEF AT faunal change (no faunal increase)	DEF AT 3
12730 / 12728	DEF IN Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
12970 / 12968	DEF AT cement	POS AT 4
13240 / 13238	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
13330 / 13328	DEF AT faunal change (no faunal increase)	DEF AT 4
13870 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 57	Date of Summary: 27-MAY-1977	First Sample Examined: 9800
Lease Number: G02601	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13296
API Well Number: 177094028800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 9800 - 13280	Water Depth: 10
Public Info Code: Y 18-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9798	DEF AT first sample examined	DEF AT 3
10220 / 10218	DEF AT - - - - -	DEF AT 2
11150 / 11147	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11420 / 11417	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
11990 / 11987	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
12410 / 12406	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
13100 / 13096	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
13280 / 13276	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 57	Date of Summary: 07-JUL-1977	First Sample Examined: 9000
Lease Number: G02895	Source of Paleo: OPERATOR	Borehole MD: 13821
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13249
API Well Number: 177094028801	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13815	Water Depth: 12
Public Info Code: Y 01-AUG-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8481	DEF AT first sample examined	DEF AT 3
9001 / 8482	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9810 / 9256	DEF AT sandstone	DEF AT 3
10590 / 10022	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10770 / 10200	DEF AT -----	DEF AT 2
11220 / 10648	DEF AT -----	DEF AT 3
11580 / 11008	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11880 / 11308	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
12510 / 11938	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
12690 / 12118	DEF AT -----	DEF AT 3
12990 / 12418	DEF AT local marker foram increase	DEF AT 4
13260 / 12688	DEF AT cement	DEF AT 4
13500 / 12928	DEF AT Upper Miocene (Tortonian) Textularia "L"	POS AT 5
13770 / 13198	DEF AT Cyclammina sp. (local marker)	POS AT 5
13815 / 13243	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 58	Date of Summary: 24-MAY-1976	First Sample Examined: 4100
Lease Number: G02895	Source of Paleo: OPERATOR	Borehole MD: 13430
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13427
API Well Number: 177094024700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 4100 - 13427	Water Depth: 10
Public Info Code: Y 15-JUN-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: 13390=Gyroidina scalata

MD / TVD	Paleo Top Description	Ecozone
4100 / 4100	DEF AT first sample examined	DEF AT 1
5480 / 5480	DEF AT - - - - -	DEF AT 2
8239 / 8238	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
8240 / 8239	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8750 / 8748	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9830 / 9828	DEF AT sandstone	DEF AT 3
9980 / 9978	POS AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 3
10930 / 10928	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11260 / 11258	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
12400 / 12397	DEF AT - - - - -	DEF AT 4
12430 / 12427	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
12786 / 12783	DEF AT cement	DEF AT 4
12940 / 12937	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
13090 / 13087	DEF AT - - - - -	DEF AT 4
13300 / 13297	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
13390 / 13387	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
13427 / 13424	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 63	Date of Summary: 29-AUG-1980	First Sample Examined: 5690
Lease Number: 00425	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16201
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16178
API Well Number: 177094034000	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 5690 - 16190	Water Depth: 22
Public Info Code: Y 05-MAR-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5690 /	DEF AT first sample examined	DEF AT 2
7820 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8300 /	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 2
8870 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8900 /	DEF AT local marker foram decrease	DEF AT 2
9920 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10940 /	DEF AT sample gap top	POS AT 2
11059 /	DEF AT sample gap bottom	DEF AT 3
11060 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11090 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
11150 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11270 /	DEF AT local marker planktic foram increase	DEF IN 3
11300 /	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF IN 3
11330 /	DEF AT salt	POS IN 3
11420 /	DEF AT local marker foram decrease	DEF AT 3
11600 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11840 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
12590 /	DEF AT local marker foram increase	DEF AT 3
12860 /	DEF AT local marker planktic foram increase	DEF AT 3
13100 /	DEF AT local marker benthic foram increase	DEF AT 3
14120 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
14210 /	DEF AT local marker foram decrease	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 63	Date of Summary: 29-AUG-1980	First Sample Examined: 5690
Lease Number: 00425	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16201
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16178
API Well Number: 177094034000	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 5690 - 16190	Water Depth: 22
Public Info Code: Y 05-MAR-1981	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14480 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
14750 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14810 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
15020 /	DEF AT local marker planktic foram increase	DEF AT 4
15080 /	DEF AT local marker foram decrease	DEF AT 4
15140 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15260 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
15350 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
15529 /	DEF AT pyrite	DEF IN 3
15530 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
15680 /	DEF AT local marker foram decrease	DEF AT 3
16160 /	DEF AT local marker benthic foram increase	DEF AT 3
16190 /	DEF AT last sample examined	DEF AT 3

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MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 65	Date of Summary: 01-JAN-1981	First Sample Examined: 7890
Lease Number: G02603	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15000
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14978
API Well Number: 177094037400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 45
Paleo Report Num: 1 of 2	Sample Range: 7890 - 13620	Water Depth: 23
Public Info Code: Y 15-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7890 / 7888	DEF AT first sample examined	DEF AT 2
7980 / 7978	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9330 / 9323	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
9390 / 9383	DEF AT local marker benthic foram increase	DEF IN 2
9420 / 9413	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9840 / 9831	DEF AT local marker benthic foram increase	DEF AT 3
10650 / 10639	DEF AT faunal change (no faunal increase)	DEF IN 2
10800 / 10789	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10830 / 10819	DEF AT local marker foram decrease	DEF AT 2
11100 / 11088	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
11490 / 11476	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
12030 / 12014	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
12120 / 12104	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12450 / 12433	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
12510 / 12493	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
12570 / 12553	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12720 / 12703	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
13140 / 13123	DEF AT local marker benthic foram increase	DEF IN 3
13620 / 13602	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 65	Date of Summary: 01-JAN-1981	First Sample Examined: 13500
Lease Number: G02603	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15000
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14978
API Well Number: 177094037400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 45
Paleo Report Num: 2 of 2	Sample Range: 13500 - 15005	Water Depth: 23
Public Info Code: Y 15-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
13500 / 13483	DEF AT first sample examined	DEF IN 3
13501 / 13484	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
13590 / 13572	DEF AT local marker benthic foram increase	DEF IN 3
13650 / 13632	DEF AT pyrite	DEF IN 3
13950 / 13930	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 3
14010 / 13990	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
14250 / 14229	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
14400 / 14379	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14570 / 14549	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14790 / 14769	DEF AT local marker foram decrease	DEF IN 3
14840 / 14818	POS AT local marker foram increase	DEF AT 3
14870 / 14848	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
15005 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 69	Date of Summary: 01-NOV-1977	First Sample Examined: 4585
Lease Number: G03149	Source of Paleo: OPERATOR	Borehole MD: 14226
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14111
API Well Number: 177094029200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 2	Sample Range: 4585 - 14226	Water Depth: 19
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4585 / 4585	DEF AT first sample examined	DEF IN 2
8220 / 8218	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9720 / 9718	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10350 / 10348	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10950 / 10948	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11820 / 11816	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
13440 / 13412	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
14226 / 14111	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 69	Date of Summary: 24-JUN-1980	First Sample Examined: 4585
Lease Number: G03149	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14226
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14111
API Well Number: 177094029200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 4585 - 14226	Water Depth: 19
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4585 / 4585	DEF AT first sample examined	POS AT 2
5260 / 5259	POS AT local marker foram increase	DEF IN 2
6280 / 6279	POS IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 2
6640 / 6639	POS AT local marker foram increase	DEF IN 2
7950 / 7948	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
8189 / 8187	DEF AT pyrite	DEF IN 2
8190 / 8188	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
8220 / 8218	DEF AT local marker benthic foram increase	DEF AT 3
9180 / 9178	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9330 / 9328	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9360 / 9358	DEF AT local marker foram decrease	DEF AT 3
9570 / 9568	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9720 / 9718	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9960 / 9958	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
10080 / 10078	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
10110 / 10108	DEF AT local marker benthic foram increase	DEF IN 3
10260 / 10258	DEF AT local marker foram decrease	DEF AT 3
10290 / 10288	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 3
10350 / 10348	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10440 / 10438	DEF AT local marker benthic foram increase	DEF AT 4
10520 / 10518	DEF AT local marker foram decrease	DEF AT 4
10740 / 10738	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 69	Date of Summary: 24-JUN-1980	First Sample Examined: 4585
Lease Number: G03149	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14226
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14111
API Well Number: 177094029200	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 108
Paleo Report Num: 2 of 2	Sample Range: 4585 - 14226	Water Depth: 19
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10830 / 10828	DEF AT local marker foram decrease	DEF AT 4
11010 / 11008	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11070 / 11067	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 4
11400 / 11397	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11760 / 11756	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11820 / 11816	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
12300 / 12296	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
12630 / 12623	DEF AT local marker deep water fauna	DEF AT 6
12960 / 12947	DEF AT local marker foram decrease	DEF AT 5
13020 / 13006	DEF AT local marker benthic foram increase	DEF AT 5
13140 / 13124	DEF AT local marker planktic foram increase	DEF AT 5
13439 / 13412	DEF AT pyrite	DEF AT 5
13440 / 13412	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
13980 / 13898	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF IN 4
14070 / 13976	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
14226 / 14111	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 70	Date of Summary: 14-NOV-1980	First Sample Examined: 8010
Lease Number: G03150	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15497
API Well Number: 177094035500	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 57
Paleo Report Num: 1 of 2	Sample Range: 8010 - 13060	Water Depth: 29
Public Info Code: Y 29-JUN-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 8009	DEF AT first sample examined	DEF IN 2
8460 / 8459	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
9450 / 9449	DEF AT - - - - -	DEF AT 4
10050 / 10049	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
13060 / 13058	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 70	Date of Summary: 14-NOV-1980	First Sample Examined: 12900
Lease Number: G03150	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15497
API Well Number: 177094035500	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 57
Paleo Report Num: 2 of 2	Sample Range: 12900 - 15500	Water Depth: 29
Public Info Code: Y 29-JUN-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12900 / 12898	DEF AT first sample examined	DEF AT 4
15400 / 15388	DEF AT - - - - -	DEF AT 5
15500 / 15487	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 70	Date of Summary: 16-MAR-1982	First Sample Examined: 0
Lease Number: G03150	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14027
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14010
API Well Number: 177094044900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 29-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10410 / 10395	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11130 / 11114	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 71	Date of Summary: 03-AUG-1981	First Sample Examined: 0
Lease Number: G03992	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177094038100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 22
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9960 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
10680 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 74	Date of Summary: 25-NOV-1973	First Sample Examined: 15000
Lease Number: G02099	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17651
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 17651
API Well Number: 177094013900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 15000 - 17651	Water Depth: 19
Public Info Code: Y 01-JUN-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
15000 /	DEF AT first sample examined	DEF IN 3
15001 /	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 3
15030 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF IN 3
15060 /	DEF AT faunal change (no faunal increase)	DEF AT 3
15090 /	DEF AT local marker foram decrease	DEF AT 3
15270 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
15300 /	DEF AT local marker foram decrease	DEF AT 3
15570 /	DEF IN Cyclamina cancellata (local marker)	DEF AT 3
15900 /	POS AT deepwater facies Listerella fauna	DEF AT 5
16020 /	DEF AT faunal change (no faunal increase)	DEF AT 4
16050 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
16440 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
16470 /	DEF AT faunal change (no faunal increase)	DEF IN 3
16800 /	DEF AT local marker foram increase	DEF AT 4
16890 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
16980 /	DEF AT local marker planktic foram increase	DEF AT 4
17340 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
17400 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
17520 /	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT 4
17550 /	DEF AT Bathysiphon fauna	DEF AT 4
17610 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
17640 /	POS AT local marker foram decrease	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 74	Date of Summary: 25-NOV-1973	First Sample Examined: 15000
Lease Number: G02099	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17651
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 17651
API Well Number: 177094013900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 15000 - 17651	Water Depth: 19
Public Info Code: Y 01-JUN-1975	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17651 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 80	Date of Summary: 03-AUG-1981	First Sample Examined: 0
Lease Number: G03809	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177094038800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 4330	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9220 / 9216	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9760 / 9756	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10630 / 10625	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11300 / 11295	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 82	Date of Summary: 08-AUG-1975	First Sample Examined: 7000
Lease Number: G02897	Source of Paleo: OPERATOR	Borehole MD: 12939
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12936
API Well Number: 177094023200	Drilling Operator: QUINTANA OFFSHORE INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 7000 - 12920	Water Depth: 21
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 / 6999	DEF AT first sample examined	DEF IN 2
8680 / 8679	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
9129 / 9128	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 3
9130 / 9129	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9220 / 9219	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
9610 / 9609	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10480 / 10478	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11440 / 11438	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12340 / 12338	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
12820 / 12817	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12920 / 12917	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 88	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: 00043	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10545
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 10536
API Well Number: 177094053500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 13-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 8956	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9310 / 9305	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1947

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Area Block: EI 93	Date of Summary: 23-OCT-1972	First Sample Examined: 8708
Lease Number: 00228	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10820
Well Name: 008	Paleo Done By: LEE LATTA	Borehole TVD: 10820
API Well Number: 177090089800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 8708 - 12060	Water Depth: 25
Public Info Code: Y 30-JUL-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8708 /	DEF AT first sample examined	DEF IN 4
8709 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
8752 /	DEF AT local marker foram decrease	DEF AT 4
9304 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10920 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11070 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
11640 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12060 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 95	Date of Summary: 30-NOV-1972	First Sample Examined: 7500
Lease Number: 00046	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13648
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 13648
API Well Number: 177090086400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7500 - 13648	Water Depth: 17
Public Info Code: Y 29-JAN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7500 /	DEF AT first sample examined	DEF IN 3
7501 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
7740 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7980 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
8100 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8130 /	POS AT Eggerella sp. (local marker)	DEF AT 4
8550 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8760 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9150 /	DEF AT local marker foram decrease	DEF AT 4
9569 /	DEF AT Bathysiphon fauna	DEF AT 4
9570 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9900 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10240 /	DEF AT local marker foram decrease	DEF AT 3
10360 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10389 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
10390 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
10540 /	DEF AT local marker foram decrease	DEF AT 3
10870 /	DEF AT poor sample interval top	DEF AT 3
10950 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11410 /	DEF AT poor sample interval bottom	DEF AT 4
11530 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11560 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 95	Date of Summary: 30-NOV-1972	First Sample Examined: 7500
Lease Number: 00046	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13648
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 13648
API Well Number: 177090086400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7500 - 13648	Water Depth: 17
Public Info Code: Y 29-JAN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12010 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
12340 /	DEF AT local marker foram decrease	DEF AT 5
12400 /	DEF AT deepwater facies Listerella fauna	DEF AT 6
12520 /	DEF AT Eggerella sp. (local marker)	DEF AT 6
12880 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
13240 /	DEF AT local marker foram decrease	DEF AT 6
13648 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 106	Date of Summary: 10-DEC-1970	First Sample Examined: 10000
Lease Number: G00976	Source of Paleo: OPERATOR	Borehole MD: 12534
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12534
API Well Number: 177090033800	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 10000 - 12825	Water Depth: 30
Public Info Code: Y 21-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT 4
10001 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10510 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11650 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12825 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 106	Date of Summary: 15-DEC-1986	First Sample Examined: 0
Lease Number: G04860	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6498
API Well Number: 177094073600	Drilling Operator: TEXAS PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 25-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 / 4529	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 111	Date of Summary: 30-NOV-1972	First Sample Examined: 6465
Lease Number: 00048	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13998
Well Name: 005	Paleo Done By: LEE LATTA	Borehole TVD: 13806
API Well Number: 177090067100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 6465 - 13998	Water Depth: 30
Public Info Code: Y 30-JUN-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6465 / 6242	DEF AT first sample examined	POS AT 4
6466 / 6243	DEF AT pyrite	POS AT 4
9345 / 8808	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	POS AT 4
9480 / 8932	DEF AT local marker foram decrease	DEF AT 4
9850 / 9279	POS AT Upper Miocene (Tortonian) Cristellaria "K"	POS AT 4
10220 / 9635	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10265 / 9679	DEF AT poor sample interval top	POS AT 4
10670 / 10076	DEF AT poor sample interval bottom	DEF AT 4
12570 / 11965	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13695 / 13086	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13998 / 13388	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 116	Date of Summary: 23-SEP-1983	First Sample Examined: 2000
Lease Number: G04443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12784
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12780
API Well Number: 177094049400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2000 - 12770	Water Depth: 45
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF IN Upper Pliocene	DEF AT
9800 / 9799	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
10190 / 10189	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT
11930 / 11928	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12550 / 12547	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 120	Date of Summary: 05-MAY-1976	First Sample Examined: 0
Lease Number: 00050	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12517
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 12508
API Well Number: 177094019500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 190
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 06-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10170 / 10165	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10550 / 10544	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10830 / 10824	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11180 / 11173	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
12220 / 12211	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 125	Date of Summary: 15-JAN-1960	First Sample Examined: 2650
Lease Number: 00052	Source of Paleo: OPERATOR	Borehole MD: 11672
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11597
API Well Number: 177090022500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 2650 - 11565	Water Depth: 35
Public Info Code: Y 15-MAY-1960	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2650 / 2649	DEF AT first sample examined	DEF AT
8531 / 8468	POS AT Arenaceous fauna (local marker)	DEF AT
9159 / 9094	DEF AT Arenaceous fauna (local marker)	DEF AT
10494 / 10426	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT
10584 / 10516	DEF AT Eggerella sp. (local marker)	DEF AT
10794 / 10725	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10824 / 10755	POS AT local marker benthic foram increase	DEF AT
10854 / 10785	POS AT local marker benthic foram increase	DEF AT
10884 / 10814	POS AT deepwater facies Harang	DEF AT
10973 / 10903	POS AT local marker benthic foram increase	DEF AT
11263 / 11191	POS AT local marker benthic foram increase	DEF AT
11565 / 11491	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 126	Date of Summary: 05-APR-1977	First Sample Examined: 0
Lease Number: 00052	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17000
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 16959
API Well Number: 177094027100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 14-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11670 / 11670	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12000 / 12000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12930 / 12929	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13500 / 13496	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
14470 / 14462	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 128A	Date of Summary: 21-JAN-1969	First Sample Examined: 10210
Lease Number: 00442	Source of Paleo: OPERATOR	Borehole MD: 10665
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 10654
API Well Number: 177090090400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 10210 - 10655	Water Depth: 53
Public Info Code: Y 13-SEP-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10210 / 10201	DEF AT first sample examined	DEF AT
10211 / 10202	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
10655 / 10646	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

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Area Block: EI 129A	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G04444	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10582
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10541
API Well Number: 177094052100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9959	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 133	Date of Summary: 25-NOV-1972	First Sample Examined: 5000
Lease Number: G01219	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16030
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16030
API Well Number: 177090074100	Drilling Operator: CONOCO INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 5000 - 13710	Water Depth: 56
Public Info Code: Y 30-APR-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	POS AT 2
7290 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8040 /	DEF AT local marker foram decrease	POS AT 2
8895 /	DEF AT - - - -	DEF AT 3
9525 /	DEF AT local marker foram decrease	DEF AT 3
11054 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11055 /	POS IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11190 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
11640 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12900 /	DEF IN Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
13169 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
13170 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
13215 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
13305 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
13710 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 133	Date of Summary: 25-NOV-1972	First Sample Examined: 13774
Lease Number: G01219	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16030
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16030
API Well Number: 177090074100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 13774 - 16030	Water Depth: 56
Public Info Code: Y 30-APR-1967	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
13774 /	DEF AT first sample examined	DEF AT 4
13844 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13845 /	DEF IN Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
14115 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
14250 /	DEF AT pyrite	DEF AT 4
14610 /	DEF AT local marker planktic foram increase	DEF AT 4
14940 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
15180 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
15270 /	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
15300 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
15660 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
16030 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 135	Date of Summary: 04-MAY-1983	First Sample Examined: 13020
Lease Number: G04224	Source of Paleo: OPERATOR	Borehole MD: 18960
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 18960
API Well Number: 177094052300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 13020 - 18920	Water Depth: 71
Public Info Code: Y 29-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13020 / 13020	DEF AT first sample examined	DEF AT
14510 / 14509	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
15341 / 15340	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
16450 / 16448	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
18920 / 18917	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 136	Date of Summary: 14-OCT-1977	First Sample Examined: 13000
Lease Number: G03152	Source of Paleo: OPERATOR	Borehole MD: 20400
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 20391
API Well Number: 177094028300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 13000 - 20400	Water Depth: 65
Public Info Code: Y 27-OCT-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
13000 / 12999	DEF AT first sample examined	DEF AT
16494 / 16492	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
16495 / 16493	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
17712 / 17709	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
20400 / 20391	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 136	Date of Summary: 19-APR-1978	First Sample Examined: 13000
Lease Number: G03152	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20400
Well Name: JA001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 20391
API Well Number: 177094028300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 13000 - 20400	Water Depth: 65
Public Info Code: Y 27-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 / 12999	DEF AT first sample examined	DEF IN 4
13001 / 13000	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
13787 / 13786	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
13818 / 13817	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
14028 / 14027	DEF AT local marker foram decrease	DEF AT 5
14708 / 14707	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
14918 / 14916	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
14988 / 14986	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 5
15028 / 15026	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
15425 / 15423	DEF AT local marker foram increase	DEF AT 5
15641 / 15639	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
15891 / 15889	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 5
16164 / 16162	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
16585 / 16583	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
17244 / 17241	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
17712 / 17709	DEF AT local marker benthic foram increase	DEF AT 5
17807 / 17804	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
18393 / 18389	DEF AT local marker foram decrease	DEF AT 5
18743 / 18738	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
19058 / 19052	DEF AT local marker benthic foram increase	DEF AT 5
19122 / 19116	DEF AT local marker foram decrease	DEF AT 5
19544 / 19537	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 136	Date of Summary: 19-APR-1978	First Sample Examined: 13000
Lease Number: G03152	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20400
Well Name: JA001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 20391
API Well Number: 177094028300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 13000 - 20400	Water Depth: 65
Public Info Code: Y 27-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20320 / 20311	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
20400 / 20391	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 145	Date of Summary: 03-MAY-1984	First Sample Examined: 4000
Lease Number: G05493	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177094063800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 700 - 13000	Water Depth: 42
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF AT 1
4480 / 4480	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
5190 / 5190	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 1
5280 / 5280	DEF AT local marker foram decrease	DEF AT 1
5340 / 5340	DEF AT local marker foram increase	DEF IN 1
5400 / 5400	DEF AT local marker foram decrease	DEF AT 1
5730 / 5730	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5820 / 5820	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 1
8040 / 8040	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8099 / 8099	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 1
8100 / 8100	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
9570 / 9570	DEF AT shell fragments	DEF AT 1
10140 / 10140	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
11550 / 11550	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
11700 / 11700	DEF AT - - - -	DEF AT 1
12600 / 12600	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12749 / 12749	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
12750 / 12750	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12870 / 12870	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
13000 / 13000	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 146	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G04447	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16501
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16501
API Well Number: 177094054900	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5330 / 5329	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10430 / 10427	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14450 / 14441	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15650 / 15639	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 151	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G04861	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17700
API Well Number: 177094051800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11390 / 11390	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14420 / 14420	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
17150 / 17149	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 152	Date of Summary: 16-MAY-1983	First Sample Examined: 1000
Lease Number: G04862	Source of Paleo: OPERATOR	Borehole MD: 20539
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 20532
API Well Number: 177094054000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 20539	Water Depth: 71
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
1660 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1840 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4510 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5110 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5289 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5470 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6100 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6250 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9429 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
9430 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
11680 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
11920 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
12369 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12370 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
12580 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13690 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
14710 /	DEF AT faunal change (no faunal increase)	DEF AT 3
16298 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
16299 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 152	Date of Summary: 16-MAY-1983	First Sample Examined: 1000
Lease Number: G04862	Source of Paleo: OPERATOR	Borehole MD: 20539
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 20532
API Well Number: 177094054000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 20539	Water Depth: 71
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16300 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
16990 /	DEF AT faunal change (no faunal increase)	DEF AT 4
17710 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
18579 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
18580 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
18940 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
19120 /	DEF AT faunal change (no faunal increase)	DEF AT 4
20170 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
20410 /	DEF AT local marker foram decrease	DEF AT 4
20539 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 156	Date of Summary: 13-SEP-1983	First Sample Examined: 0
Lease Number: G03812	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16244
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16243
API Well Number: 177094056600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 04-APR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9140 / 9140	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10490 / 10490	DEF AT local marker (general)	DEF AT
10660 / 10660	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12740 / 12739	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
14660 / 14659	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
16160 / 16159	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-APR-1971	First Sample Examined: 8675
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 14923
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 14923
API Well Number: 177090007600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 8675 - 11420	Water Depth: 80
Public Info Code: Y 11-AUG-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8675 /	DEF AT first sample examined	DEF AT
10335 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11420 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 21-JAN-1969	First Sample Examined: 9280
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 9813
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 9813
API Well Number: 177090092000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 9280 - 9940	Water Depth: 82
Public Info Code: Y 24-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9280 /	DEF AT first sample examined	DEF AT
9430 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9940 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 28-FEB-1969	First Sample Examined: 9380
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 14479
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 14247
API Well Number: 177092000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 9380 - 14450	Water Depth: 82
Public Info Code: Y 31-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 9234	DEF AT first sample examined	DEF AT
10340 / 10174	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14450 / 14218	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 15-MAY-1969	First Sample Examined: 9490
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10675
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 10485
API Well Number: 177092000201	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 9490 - 10650	Water Depth: 82
Public Info Code: Y 27-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 9321	DEF AT first sample examined	DEF AT
9910 / 9734	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10650 / 10455	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-APR-1969	First Sample Examined: 8980
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10210
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 10175
API Well Number: 177092000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 8980 - 10210	Water Depth: 82
Public Info Code: Y 22-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8950	DEF AT first sample examined	DEF AT
9640 / 9607	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10210 / 10175	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-MAY-1969	First Sample Examined: 9080
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10967
Well Name: 017	Paleo Done By: OPERATOR	Borehole TVD: 10587
API Well Number: 177092000900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 9080 - 10950	Water Depth: 82
Public Info Code: Y 06-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9080 / 8795	DEF AT first sample examined	DEF AT
9830 / 9505	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10950 / 10557	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-MAY-1969	First Sample Examined: 9860
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10200
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 9367
API Well Number: 177092001200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 9860 - 10200	Water Depth: 80
Public Info Code: Y 21-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9860 / 9060	DEF AT first sample examined	DEF AT
10010 / 9197	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10200 / 9372	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 23-JUN-1969	First Sample Examined: 6390
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10873
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 10722
API Well Number: 177092002500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 6390 - 6750	Water Depth: 80
Public Info Code: Y 18-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6390 / 6317	DEF AT first sample examined	DEF AT
6750 / 6674	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 04-AUG-1969	First Sample Examined: 6720
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10873
Well Name: 020	Paleo Done By: OPERATOR	Borehole TVD: 10722
API Well Number: 177092002500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 6720 - 10860	Water Depth: 80
Public Info Code: Y 18-AUG-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 6645	DEF AT first sample examined	DEF AT
9690 / 9554	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10860 / 10709	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 10-SEP-1969	First Sample Examined: 6480
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 7106
Well Name: 026	Paleo Done By: OPERATOR	Borehole TVD: 6955
API Well Number: 177092004100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 6480 - 7080	Water Depth: 82
Public Info Code: Y 09-SEP-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 6335	DEF AT first sample examined	DEF AT
6780 / 6632	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7080 / 6929	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 26-FEB-1970	First Sample Examined: 9280
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10940
Well Name: 027	Paleo Done By: OPERATOR	Borehole TVD: 10694
API Well Number: 177092006500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 9280 - 10960	Water Depth: 85
Public Info Code: Y 21-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9280 / 9099	DEF AT first sample examined	DEF AT
9710 / 9519	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10960 /	DEF AT last sample examined	DEF AT

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Area Block: EI 158	Date of Summary: 02-JUL-1970	First Sample Examined: 8720
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 12350
Well Name: 028	Paleo Done By: OPERATOR	Borehole TVD: 11710
API Well Number: 177092009700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 8720 - 10164	Water Depth: 81
Public Info Code: Y 11-JUL-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8720 / 8571	DEF AT first sample examined	DEF AT
9470 / 9251	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10164 / 9877	DEF AT last sample examined	DEF AT

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Area Block: EI 158	Date of Summary: 02-JUL-1970	First Sample Examined: 8780
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 12350
Well Name: 028	Paleo Done By: OPERATOR	Borehole TVD: 11710
API Well Number: 177092009700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 8780 - 12350	Water Depth: 81
Public Info Code: Y 11-JUL-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8780 / 8625	DEF AT first sample examined	DEF AT
10000 / 9730	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12350 / 11710	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 18-MAY-1970	First Sample Examined: 9120
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 12030
Well Name: 029	Paleo Done By: OPERATOR	Borehole TVD: 11631
API Well Number: 177092008200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 9120 - 12030	Water Depth: 81
Public Info Code: Y 12-MAY-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9120 / 9078	DEF AT first sample examined	DEF AT
9410 / 9355	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12030 / 11631	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-APR-1969	First Sample Examined: 13210
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 15004
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 14504
API Well Number: 177090094800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 13210 - 14870	Water Depth: 84
Public Info Code: Y 22-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13210 / 12771	DEF AT first sample examined	DEF AT
13211 / 12772	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14870 / 14289	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-APR-1969	First Sample Examined: 14370
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 15004
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 14504
API Well Number: 177090094800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 14370 - 15000	Water Depth: 84
Public Info Code: Y 22-MAY-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14370 / 13846	DEF AT first sample examined	DEF AT
14371 / 13847	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15000 / 14403	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-MAY-1969	First Sample Examined: 10800
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 15400
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 14167
API Well Number: 177092000800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 10800 - 15400	Water Depth: 80
Public Info Code: Y 22-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10800 / 9902	DEF AT first sample examined	DEF AT
11040 / 10125	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15400 / 14148	DEF AT last sample examined	DEF AT

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Area Block: EI 158	Date of Summary: 30-SEP-1969	First Sample Examined: 12990
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 16780
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 15154
API Well Number: 177092001800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 12990 - 16718	Water Depth: 84
Public Info Code: Y 11-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 / 11760	DEF AT first sample examined	DEF AT
12991 / 11760	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16718 / 15100	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 04-JAN-1971	First Sample Examined: 4040
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11210
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 10532
API Well Number: 177092014700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4040 - 11210	Water Depth: 83
Public Info Code: Y 08-JAN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 / 3918	DEF AT first sample examined	DEF AT
5165 / 4937	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10240 / 9620	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11210 / 10538	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 21-JAN-1971	First Sample Examined: 4535
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11705
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 11237
API Well Number: 177092015200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4535 - 11710	Water Depth: 83
Public Info Code: Y 07-FEB-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4535 / 4350	DEF AT first sample examined	DEF AT
5210 / 4974	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10070 / 9660	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11710 / 11242	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 18-FEB-1971	First Sample Examined: 5490
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 12329
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 10864
API Well Number: 177092015300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5490 - 12329	Water Depth: 83
Public Info Code: Y 09-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 / 4694	DEF AT first sample examined	DEF AT
5850 / 4998	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10665 / 9274	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12329 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-APR-1971	First Sample Examined: 8385
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11420
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 10326
API Well Number: 177094002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 8385 - 11450	Water Depth: 83
Public Info Code: Y 27-MAY-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8385 / 7459	DEF AT first sample examined	DEF AT
10455 / 9408	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11450 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947
 End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 30-APR-1971	First Sample Examined: 8675
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11420
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 10326
API Well Number: 177094002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 8675 - 11420	Water Depth: 83
Public Info Code: Y 27-MAY-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8675 / 7728	DEF AT first sample examined	DEF AT
10335 / 9293	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11420 / 10326	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 31-MAR-1971	First Sample Examined: 4980
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 9080
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 8422
API Well Number: 177094001900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4980 - 9080	Water Depth: 83
Public Info Code: Y 12-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4721	DEF AT first sample examined	DEF AT
5520 / 5163	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9080 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 01-DEC-1971	First Sample Examined: 8540
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: C012	Paleo Done By: OPERATOR	Borehole TVD: 11008
API Well Number: 177094007100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 8540 - 11660	Water Depth: 92
Public Info Code: Y 30-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8540 / 8041	DEF AT first sample examined	DEF AT
10205 / 9656	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11660 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 01-JAN-1972	First Sample Examined: 5470
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 7260
Well Name: C013	Paleo Done By: OPERATOR	Borehole TVD: 6343
API Well Number: 177094008000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5470 - 6145	Water Depth: 82
Public Info Code: Y 01-MAR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 4672	DEF AT first sample examined	DEF AT
5740 / 4922	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6145 / 5307	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 31-JAN-1972	First Sample Examined: 6295
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 12650
Well Name: C014	Paleo Done By: OPERATOR	Borehole TVD: 10872
API Well Number: 177094008100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6295 - 12650	Water Depth: 83
Public Info Code: Y 02-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6295 / 4702	DEF AT first sample examined	DEF AT
6520 / 4891	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11245 / 9445	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12650 / 10821	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 21-JAN-1969	First Sample Examined: 9880
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11670
Well Name: JB008	Paleo Done By: OPERATOR	Borehole TVD: 11333
API Well Number: 177090091400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 9880 - 11680	Water Depth: 82
Public Info Code: Y 10-OCT-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9880 / 9537	DEF AT first sample examined	DEF AT
10120 / 9777	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11680 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 21-JAN-1969	First Sample Examined: 7560
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10010
Well Name: JB009	Paleo Done By: OPERATOR	Borehole TVD: 9842
API Well Number: 177090090200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 7560 - 10010	Water Depth: 82
Public Info Code: Y 05-SEP-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 / 7555	DEF AT first sample examined	DEF AT
9210 / 9197	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10010 / 9991	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 15-APR-1969	First Sample Examined: 9380
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 10554
Well Name: JB013	Paleo Done By: OPERATOR	Borehole TVD: 10205
API Well Number: 177090094101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 9380 - 10554	Water Depth: 82
Public Info Code: Y 15-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 9073	DEF AT first sample examined	DEF AT
9470 / 9160	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10554 / 10205	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 23-JUN-1969	First Sample Examined: 8780
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11644
Well Name: JB019	Paleo Done By: OPERATOR	Borehole TVD: 11468
API Well Number: 177092002100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 8780 - 9650	Water Depth: 82
Public Info Code: Y 24-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8780 / 8748	DEF AT first sample examined	DEF AT
9320 / 9271	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9650 / 9593	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 15-SEP-1969	First Sample Examined: 9810
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: JB022	Paleo Done By: OPERATOR	Borehole TVD: 10959
API Well Number: 177092003300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 9810 - 11400	Water Depth: 90
Public Info Code: Y 03-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9810 / 9437	DEF AT first sample examined	DEF AT
9990 / 9597	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
11400 / 10941	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 20-OCT-1969	First Sample Examined: 10000
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 15420
Well Name: JB024	Paleo Done By: OPERATOR	Borehole TVD: 14739
API Well Number: 177092003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 10000 - 12970	Water Depth: 81
Public Info Code: Y 19-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9751	DEF AT first sample examined	DEF AT
10090 / 9839	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12970 / 12533	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 158	Date of Summary: 15-MAY-1972	First Sample Examined: 13577
Lease Number: G01220	Source of Paleo: OPERATOR	Borehole MD: 15420
Well Name: JB024	Paleo Done By: OPERATOR	Borehole TVD: 14739
API Well Number: 177092003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 13577 - 15420	Water Depth: 81
Public Info Code: Y 19-JUN-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13577 / 13088	DEF AT first sample examined	DEF AT
15420 / 14786	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 159	Date of Summary: 25-JAN-1978	First Sample Examined: 3735
Lease Number: G02132	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17229
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 17229
API Well Number: 177094009100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 3735 - 17290	Water Depth: 70
Public Info Code: Y 21-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3735 /	DEF AT first sample examined	DEF AT 2
3945 /	DEF AT local marker benthic foram increase	DEF AT 2
4155 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4454 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4455 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4545 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5800 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
5860 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
5890 /	DEF AT local marker planktic foram increase	DEF AT 3
6910 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
7780 /	DEF AT local marker benthic foram increase	DEF AT 2
8530 /	DEF AT local marker benthic foram increase	DEF AT 2
8710 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9010 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9340 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 3
9939 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10060 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10150 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10180 /	DEF AT local marker benthic foram increase	DEF AT 4
10450 /	DEF AT local marker foram decrease	DEF AT 4
10690 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 159	Date of Summary: 25-JAN-1978	First Sample Examined: 3735
Lease Number: G02132	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17229
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 17229
API Well Number: 177094009100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 3735 - 17290	Water Depth: 70
Public Info Code: Y 21-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11350 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
11950 /	DEF AT local marker foram decrease	DEF AT 4
12280 /	DEF AT local marker planktic foram increase	DEF AT 4
12340 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
12400 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13570 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13630 /	DEF AT local marker foram decrease	DEF AT 4
13930 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
14140 /	DEF AT sample gap top	POS AT 5
16310 /	DEF AT sample gap bottom	DEF AT 5
16750 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 6
17290 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 159	Date of Summary: 03-AUG-1987	First Sample Examined: 3735
Lease Number: G02132	Source of Paleo: OPERATOR	Borehole MD: 17229
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17229
API Well Number: 177094009100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 3735 - 17290	Water Depth: 70
Public Info Code: Y 21-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3735 /	DEF AT first sample examined	POS AT 1
3855 /	DEF AT - - - - -	DEF AT 1
4455 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4515 /	DEF AT - - - - -	DEF AT 3
5080 /	DEF AT local marker benthic foram increase	DEF AT 4
5740 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6100 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6310 /	DEF AT - - - - -	DEF AT 3
6870 /	DEF AT - - - - -	DEF AT 2
7870 /	DEF AT - - - - -	DEF AT 3
8200 /	DEF AT - - - - -	DEF AT 4
9190 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
9400 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
14980 /	DEF AT - - - - -	DEF AT 5
15730 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
16090 /	DEF AT - - - - -	DEF AT 6
17290 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 175	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: 00438	Source of Paleo: OPERATOR	Borehole MD: 8703
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8703
API Well Number: 177090006100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 87
Public Info Code: Y 07-MAY-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12810 /	DEF AT Cyclammia cancellata (local marker)	DEF AT
12990 /	POS AT Arenaceous fauna (local marker)	DEF AT
13890 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 175	Date of Summary: 21-MAY-1979	First Sample Examined: 4600
Lease Number: 00438	Source of Paleo: OPERATOR	Borehole MD: 14465
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 14400
API Well Number: 177090084700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 4600 - 14420	Water Depth: 88
Public Info Code: Y 16-JAN-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 / 4600	DEF AT first sample examined	DEF AT
4601 / 4601	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5660 / 5660	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7670 / 7669	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
8780 / 8779	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9110 / 9108	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9860 / 9858	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
10370 / 10367	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
11040 / 11037	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11400 / 11397	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT
11909 / 11905	DEF AT Cyclamina cancellata (local marker)	DEF AT
11910 / 11906	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
12450 / 12445	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
13270 / 13264	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
14420 / 14413	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 21-JAN-1969	First Sample Examined: 9710
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 11743
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11730
API Well Number: 177090091700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 9710 - 11570	Water Depth: 82
Public Info Code: Y 21-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9710 / 9706	DEF AT first sample examined	DEF AT
9950 / 9945	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11570 / 11548	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 15-APR-1970	First Sample Examined: 9680
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 11520
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11042
API Well Number: 177092003800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 9680 - 11450	Water Depth: 82
Public Info Code: Y 28-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9680 / 9331	DEF AT first sample examined	DEF AT
9710 / 9360	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11450 / 10973	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 30-APR-1969	First Sample Examined: 8500
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 9750
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9657
API Well Number: 177092000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 8500 - 9750	Water Depth: 84
Public Info Code: Y 20-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8410	DEF AT first sample examined	DEF AT
9265 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9750 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 15-MAY-1969	First Sample Examined: 9001
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 10834
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10743
API Well Number: 177092000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 9001 - 10834	Water Depth: 84
Public Info Code: Y 30-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9001 / 8914	DEF AT first sample examined	DEF AT
9818 / 9727	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10834 / 10738	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 02-JUL-1970	First Sample Examined: 9020
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 11770
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11333
API Well Number: 177092010000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 9020 - 11347	Water Depth: 82
Public Info Code: Y 15-JUL-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 8629	DEF AT first sample examined	DEF AT
10400 / 9984	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11347 / 10917	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 07-MAY-1970	First Sample Examined: 9360
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 9835
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9599
API Well Number: 177092009200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 9360 - 9840	Water Depth: 82
Public Info Code: Y 18-MAY-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9360 / 9141	DEF AT first sample examined	DEF AT
9600 / 9381	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9840 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 176	Date of Summary: 14-APR-1972	First Sample Examined: 10490
Lease Number: 00445	Source of Paleo: OPERATOR	Borehole MD: 12216
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 11970
API Well Number: 177092011001	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 10490 - 12216	Water Depth: 84
Public Info Code: Y 03-MAY-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10490 / 10313	DEF AT first sample examined	DEF AT
10491 / 10314	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12216 / 11970	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 177	Date of Summary: 10-OCT-1978	First Sample Examined: 11100
Lease Number: G02605	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15976
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 15974
API Well Number: 177094031600	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 11100 - 15960	Water Depth: 82
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11100 / 11099	DEF AT first sample examined	DEF AT 3
11160 / 11159	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11400 / 11399	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11700 / 11699	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
12930 / 12929	DEF AT local marker benthic foram increase	DEF AT 4
12990 / 12989	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
13020 / 13019	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
13410 / 13409	DEF AT Cyclammina sp. (local marker)	DEF AT 5
13440 / 13439	DEF AT local marker foram decrease	DEF AT 5
14070 / 14069	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
14160 / 14159	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
15060 / 15059	DEF AT local marker benthic foram increase	DEF AT 5
15960 / 15958	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 178	Date of Summary: 21-NOV-1983	First Sample Examined: 3410
Lease Number: G05496	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 177094060800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3410 - 6490	Water Depth: 90
Public Info Code: Y 11-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3410	DEF AT first sample examined	DEF AT
6250 / 6250	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6490 / 6490	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 179	Date of Summary: 01-FEB-1980	First Sample Examined: 0
Lease Number: G01221	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16400
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 16400
API Well Number: 177094034500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 02-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5318 / 5317	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6198 / 6197	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7140 / 7139	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9990 / 9987	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 179	Date of Summary: 18-JUL-1987	First Sample Examined: 3980
Lease Number: G01221	Source of Paleo: OPERATOR	Borehole MD: 16350
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 16350
API Well Number: 177090082000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3980 - 16350	Water Depth: 98
Public Info Code: Y 02-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3980 /	DEF AT first sample examined	DEF AT
4970 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5660 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7190 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10370 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10850 /	DEF AT sample gap top	DEF AT
11530 /	DEF AT sample gap bottom	DEF AT
16350 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 185	Date of Summary: 18-OCT-1976	First Sample Examined: 9080
Lease Number: G03154	Source of Paleo: OPERATOR	Borehole MD: 14782
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14782
API Well Number: 177094026600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 9080 - 14780	Water Depth: 80
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9080 / 9068	DEF AT first sample examined	DEF AT 2
9081 / 9069	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9660 / 9646	DEF AT - - - -	DEF AT 3
11540 / 11521	DEF AT Cyclammina sp. (local marker)	DEF AT 4
13430 / 13408	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14600 / 14578	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
14780 / 14758	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 188	Date of Summary: 21-JAN-1969	First Sample Examined: 10850
Lease Number: 00443	Source of Paleo: OPERATOR	Borehole MD: 12342
Well Name: C012	Paleo Done By: OPERATOR	Borehole TVD: 11392
API Well Number: 177090090900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10850 - 12050	Water Depth: 68
Public Info Code: Y 23-AUG-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 / 9922	DEF AT first sample examined	DEF AT
11570 / 10630	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12050 / 11100	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 188	Date of Summary: 21-JAN-1969	First Sample Examined: 10110
Lease Number: 00443	Source of Paleo: OPERATOR	Borehole MD: 10200
Well Name: C018	Paleo Done By: OPERATOR	Borehole TVD: 9120
API Well Number: 177090090300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10110 - 10200	Water Depth: 65
Public Info Code: Y 29-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10110 / 9028	DEF AT first sample examined	DEF AT
10170 / 9088	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10200 / 9117	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 01-JAN-1985	First Sample Examined: 6010
Lease Number: 00439	Source of Paleo: OPERATOR	Borehole MD: 12037
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12037
API Well Number: 177090018800	Drilling Operator: SINCLAIR OIL AND GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 6010 - 11940	Water Depth: 68
Public Info Code: Y 21-DEC-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6010 /	DEF AT first sample examined	DEF AT 1
7930 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9250 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9420 /	DEF AT - - - - -	DEF IN 1
10830 /	DEF AT - - - - -	DEF AT 2
11310 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11940 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 05-FEB-1960	First Sample Examined: 0
Lease Number: 00439	Source of Paleo: OPERATOR	Borehole MD: 11936
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11936
API Well Number: 177090018900	Drilling Operator: SINCLAIR OIL AND GAS COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 21-DEC-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
4570 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5920 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7180 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
7930 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9280 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
10200 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
11060 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
11940 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 09-FEB-1960	First Sample Examined: 5020
Lease Number: 00439	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 11022
API Well Number: 177090019400	Drilling Operator: SINCLAIR OIL AND GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 5020 - 10100	Water Depth: 78
Public Info Code: Y 21-DEC-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 / 4591	DEF AT first sample examined	DEF AT
6130 / 5647	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7180 / 6681	POS IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
8290 / 7779	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
9600 / 9064	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
10100 / 9541	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 24-FEB-1983	First Sample Examined: 2730
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 7659
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7260
API Well Number: 177094054400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2730 - 7620	Water Depth: 78
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2730 / 2730	DEF AT first sample examined	DEF AT 2
4700 / 4700	DEF AT local marker benthic foram increase	DEF AT 3
4820 / 4819	DEF AT - - - - -	DEF AT 2
7180 / 6876	DEF AT - - - - -	DEF AT 3
7240 / 6924	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
7559 / 7181	POS AT gouge	DEF AT 5
7560 / 7182	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 5
7620 / 7230	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 24-FEB-1983	First Sample Examined: 6120
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 9182
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9010
API Well Number: 177094054401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6120 - 9180	Water Depth: 80
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 6016	DEF AT first sample examined	DEF AT 2
7300 / 7137	DEF AT - - - - -	DEF AT 3
7490 / 7324	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
8510 / 8339	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
8720 / 8549	DEF AT - - - - -	DEF AT 3
9180 / 9007	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 20-APR-1983	First Sample Examined: 3225
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 9180
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9176
API Well Number: 177094055600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3225 - 9180	Water Depth: 80
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3225 / 3224	DEF AT first sample examined	DEF AT 2
4405 / 4403	DEF AT limestone	DEF AT 3
4406 / 4404	DEF AT pyrite	DEF AT 3
4435 / 4433	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5610 / 5607	DEF AT -----	DEF AT 2
7065 / 7062	DEF AT -----	DEF AT 3
7095 / 7092	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8665 / 8662	DEF AT -----	DEF AT 4
8890 / 8886	DEF AT -----	DEF AT 3
9180 / 9176	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 20-APR-1983	First Sample Examined: 4090
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 4531
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4513
API Well Number: 177094055601	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4090 - 4530	Water Depth: 80
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 4084	DEF AT first sample examined	DEF AT 2
4091 / 4085	DEF AT limestone	DEF AT 2
4092 / 4086	DEF AT pyrite	DEF AT 2
4530 / 4512	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 03-MAY-1983	First Sample Examined: 3450
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 6151
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6118
API Well Number: 177094055602	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3450 - 6151	Water Depth: 80
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 / 3449	DEF AT first sample examined	DEF AT 2
4249 / 4247	POS AT limestone	DEF AT 2
4250 / 4248	DEF AT pyrite	DEF AT 2
4434 / 4432	DEF AT limestone	DEF AT 3
4559 / 4557	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4560 / 4558	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5030 / 5028	DEF AT - - - - -	DEF AT 2
5270 / 5267	DEF AT - - - - -	DEF AT 4
5700 / 5689	DEF AT - - - - -	DEF AT 3
5875 / 5856	DEF AT - - - - -	DEF AT 4
6040 / 6012	DEF AT calcite	DEF AT 4
6104 / 6073	DEF AT gypsum	DEF AT 4
6105 / 6074	POS AT salt	DEF AT 4
6151 / 6118	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 05-MAY-1983	First Sample Examined: 4250
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 8595
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8101
API Well Number: 177094055603	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4250 - 8595	Water Depth: 80
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4250 / 4248	DEF AT first sample examined	DEF AT 2
4565 / 4560	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4566 / 4561	DEF AT limestone	DEF AT 4
5030 / 5006	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
5031 / 5007	DEF AT pyrite	DEF AT 4
5032 / 5008	DEF AT limestone	DEF AT 4
5550 / 5497	DEF AT - - - - -	DEF AT 2
7365 / 7101	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7490 / 7202	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
7925 / 7556	DEF AT sand	DEF AT 4
8540 / 8056	DEF AT - - - - -	DEF AT 5
8594 / 8100	DEF AT gouge	DEF AT 6
8595 / 8101	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 190	Date of Summary: 17-MAY-1983	First Sample Examined: 4625
Lease Number: G03994	Source of Paleo: OPERATOR	Borehole MD: 11004
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10094
API Well Number: 177094055604	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4625 - 11005	Water Depth: 74
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4625 / 4619	DEF AT first sample examined	DEF AT
4626 / 4620	DEF IN cement	DEF AT
5039 / 5016	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5040 / 5017	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5324 / 5288	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
5325 / 5289	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5465 / 5423	DEF AT - - - -	DEF AT 2
7945 / 7643	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9679 / 9037	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9680 / 9038	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11005 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 192	Date of Summary: 28-FEB-1969	First Sample Examined: 8700
Lease Number: 00431	Source of Paleo: OPERATOR	Borehole MD: 11154
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11089
API Well Number: 177090093000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 8700 - 11154	Water Depth: 70
Public Info Code: Y 29-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8700 / 8696	DEF AT first sample examined	DEF AT
10880 / 10829	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11114 / 11050	DEF AT salt	DEF AT
11154 / 11087	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 192	Date of Summary: 26-OCT-1989	First Sample Examined: 5610
Lease Number: G06715	Source of Paleo: OPERATOR	Borehole MD: 10198
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10196
API Well Number: 177094071000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5610 - 10198	Water Depth: 83
Public Info Code: Y 29-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5610 / 5610	DEF AT first sample examined	DEF AT
5880 / 5880	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5970 / 5970	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8730 / 8729	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
9270 / 9269	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10198 / 10196	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 193	Date of Summary: 22-JUL-1987	First Sample Examined: 8310
Lease Number: 00572	Source of Paleo: OPERATOR	Borehole MD: 13248
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13248
API Well Number: 177094005900	Drilling Operator: MCMORAN OIL & GAS LLC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13260	Water Depth: 90
Public Info Code: Y 29-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8310 /	DEF AT first sample examined	DEF AT 2
10010 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11580 /	DEF AT - - - - -	DEF AT 3
11670 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
11970 /	DEF AT - - - - -	DEF AT 2
12540 /	DEF AT - - - - -	DEF AT 3
13260 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 193	Date of Summary: 22-JUL-1987	First Sample Examined: 9638
Lease Number: 00572	Source of Paleo: OPERATOR	Borehole MD: 14731
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14399
API Well Number: 177092004300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 9638 - 14030	Water Depth: 90
Public Info Code: Y 04-APR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9638 / 9444	DEF AT first sample examined	DEF AT 2
9854 / 9654	DEF AT -----	DEF AT 3
10230 / 10021	DEF AT -----	DEF AT 2
10481 / 10265	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11212 / 10981	DEF AT -----	DEF AT 3
11498 / 11262	DEF AT -----	DEF AT 2
11917 / 11675	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
13276 / 13002	DEF AT -----	DEF AT 2
14030 / 13727	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 193	Date of Summary: 22-JUL-1987	First Sample Examined: 10764
Lease Number: 00572	Source of Paleo: OPERATOR	Borehole MD: 14731
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 14399
API Well Number: 177092004300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 9792 - 14720	Water Depth: 90
Public Info Code: Y 04-APR-1980	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10764 / 10541	DEF AT first sample examined	DEF AT 3
11328 / 11095	DEF AT -----	DEF AT 2
11821 / 11580	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
13160 / 12890	DEF AT -----	DEF AT 2
14258 / 13946	DEF AT -----	DEF AT 3
14564 / 14240	DEF AT -----	DEF AT 4
14720 / 14390	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 196	Date of Summary: 31-OCT-1980	First Sample Examined: 3500
Lease Number: 00802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13580
Well Name: H001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13580
API Well Number: 177094039500	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 1 of 3	Sample Range: 3500 - 12790	Water Depth: 93
Public Info Code: Y 17-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3500	DEF AT first sample examined	DEF AT 2
3920 / 3920	DEF AT local marker benthic foram increase	DEF AT 2
3950 / 3950	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4070 / 4070	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4100 / 4099	DEF AT local marker foram decrease	DEF AT 2
4370 / 4369	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4580 / 4579	DEF AT local marker foram decrease	DEF AT 2
4850 / 4849	DEF AT local marker benthic foram increase	DEF IN 2
4880 / 4879	DEF AT glauconite	DEF AT 3
4940 / 4939	DEF AT faunal change (no faunal increase)	DEF IN 2
4970 / 4969	DEF AT oxidized shale	DEF AT 2
5000 / 4999	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5180 / 5179	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
5209 / 5208	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
5210 / 5209	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
5360 / 5359	DEF AT pyrite	DEF IN 2
5450 / 5449	DEF AT local marker foram decrease	DEF AT 2
5870 / 5869	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6230 / 6229	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6320 / 6319	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
6380 / 6379	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
6530 / 6529	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 196	Date of Summary: 31-OCT-1980	First Sample Examined: 3500
Lease Number: 00802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13580
Well Name: H001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13580
API Well Number: 177094039500	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 1 of 3	Sample Range: 3500 - 12790	Water Depth: 93
Public Info Code: Y 17-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6590 / 6589	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
7010 / 7008	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
7490 / 7488	DEF AT local marker planktic foram increase	DEF AT 3
7910 / 7908	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
8120 / 8118	DEF AT pyrite	DEF IN 2
8690 / 8688	POS AT local marker benthic foram increase	DEF IN 2
8750 / 8748	DEF AT local marker benthic foram increase	DEF IN 2
8780 / 8778	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
9200 / 9198	DEF AT local marker foram decrease	DEF IN 2
9530 / 9528	POS AT Cyclammina cancellata (local marker)	DEF AT 3
10010 / 10008	DEF AT local marker benthic foram increase	DEF AT 3
10340 / 10338	DEF AT local marker foram decrease	DEF IN 2
10370 / 10368	DEF AT local marker planktic foram increase	DEF AT 3
10820 / 10818	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
10940 / 10938	DEF AT local marker benthic foram increase	DEF IN 2
11150 / 11148	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11570 / 11568	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
12400 / 12397	DEF AT faunal change (no faunal increase)	DEF IN 3
12460 / 12457	DEF AT Cyclammina sp. (local marker)	DEF IN 3
12580 / 12577	DEF AT local marker benthic foram increase	DEF AT 4
12730 / 12727	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
12790 / 12787	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 196	Date of Summary: 31-OCT-1980	First Sample Examined: 12100
Lease Number: 00802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13580
Well Name: H001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13580
API Well Number: 177094039500	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 2 of 3	Sample Range: 12100 - 12470	Water Depth: 93
Public Info Code: Y 17-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12100 / 12098	DEF AT first sample examined	DEF AT 4
12190 / 12188	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
12400 / 12397	POS AT local marker foram increase	DEF AT 4
12440 / 12437	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12470 / 12467	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 196	Date of Summary: 31-OCT-1980	First Sample Examined: 12450
Lease Number: 00802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13580
Well Name: H001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13580
API Well Number: 177094039500	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 3 of 3	Sample Range: 12450 - 13580	Water Depth: 93
Public Info Code: Y 17-JUL-1982	Ecozone Eq MMS:	Paleo ID: 005

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12450 / 12447	DEF AT first sample examined	DEF AT 4
12451 / 12448	DEF AT local marker foram decrease	DEF AT 4
12540 / 12537	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
12689 / 12686	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12690 / 12687	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
12980 / 12977	DEF AT pyrite	DEF AT 4
13100 / 13097	DEF AT Cyclammina sp. (local marker)	DEF AT 4
13580 / 13577	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 199	Date of Summary: 31-AUG-1986	First Sample Examined: 0
Lease Number: 00437	Source of Paleo: OPERATOR	Borehole MD: 16032
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16032
API Well Number: 177090004800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 14-MAR-1969	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5105 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5670 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6895 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
9650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11168 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
14835 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 205	Date of Summary: 23-AUG-1977	First Sample Examined: 0
Lease Number: 00805	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9758
Well Name: F002	Paleo Done By: OPERATOR	Borehole TVD: 9229
API Well Number: 177094027300	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 20-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 4743	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6017 / 5738	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6876 / 6520	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8619 / 8138	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 206	Date of Summary: 19-OCT-1970	First Sample Examined: 0
Lease Number: 00806	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14460
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13850
API Well Number: 177092011200	Drilling Operator: TEXACO INC	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 18-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5300 / 5297	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6500 / 6473	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10200 / 9940	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 215	Date of Summary: 26-OCT-1973	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11291
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10964
API Well Number: 177094011200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 20-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5029	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6520 / 6518	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7760 / 7756	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9380 / 9292	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 215	Date of Summary: 19-OCT-1973	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10425
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 10322
API Well Number: 177094013200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 03-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5060 / 5058	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6510 / 6508	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7760 / 7757	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9290 / 9232	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
9890 / 9807	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 215	Date of Summary: 07-NOV-1973	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9276
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8922
API Well Number: 177094013700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 30-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5060 / 5039	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6585 / 6563	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7860 / 7811	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9085 / 8809	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 215	Date of Summary: 18-APR-1973	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12015
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 11603
API Well Number: 177094014200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 12-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 5030	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6520 / 6518	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7870 / 7810	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9740 / 9540	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 215	Date of Summary: 22-OCT-1973	First Sample Examined: 0
Lease Number: 00580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12371
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 11762
API Well Number: 177094014600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 09-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5030 / 5029	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6550 / 6526	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8050 / 7905	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9240 / 8982	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10170 / 9830	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11790 / 11272	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 231	Date of Summary: 26-OCT-1989	First Sample Examined: 11210
Lease Number: G00980	Source of Paleo: OPERATOR	Borehole MD: 13277
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13277
API Well Number: 177090088500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 105 - 13275	Water Depth: 116
Public Info Code: Y 05-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11210 /	DEF AT first sample examined	DEF AT 2
11420 /	DEF AT -----	DEF AT 4
11570 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12110 /	DEF AT -----	DEF AT 3
12500 /	DEF AT -----	DEF AT 4
13270 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 234	Date of Summary: 14-JUN-1977	First Sample Examined: 5000
Lease Number: G03155	Source of Paleo: OPERATOR	Borehole MD: 13749
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13749
API Well Number: 177094026200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13750	Water Depth: 125
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 2
5600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6860 /	DEF AT - - - - -	DEF AT 4
7430 /	DEF AT - - - - -	DEF AT 3
8000 /	DEF AT - - - - -	DEF AT 4
11170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13750 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 237	Date of Summary: 29-AUG-1972	First Sample Examined: 4215
Lease Number: G00981	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7613
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 7613
API Well Number: 177094010900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4215 - 7613	Water Depth: 132
Public Info Code: Y 06-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4215 /	DEF AT first sample examined	DEF IN 1
4216 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
4517 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
4954 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4955 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5129 /	DEF AT local marker foram decrease	POS IN 1
5448 /	POS AT local marker benthic foram increase	DEF IN 1
5786 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5964 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6049 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6085 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
6270 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6500 /	DEF AT local marker foram decrease	POS AT 2
6579 /	DEF AT faunal change (no faunal increase)	DEF IN 1
6844 /	POS IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 1
6930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6971 /	DEF AT local marker foram decrease	DEF AT 2
7191 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
7295 /	DEF AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF AT 2
7578 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
7613 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 238	Date of Summary: 29-MAY-1971	First Sample Examined: 912
Lease Number: G00982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15562
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15562
API Well Number: 177092001900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 912 - 15562	Water Depth: 115
Public Info Code: Y 02-SEP-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
912 /	DEF AT first sample examined	POS AT 1
913 /	DEF AT cement	POS AT 1
1224 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1315 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
1692 /	DEF AT local marker foram decrease	DEF AT 2
1722 /	DEF AT local marker benthic foram increase	DEF AT 2
2475 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2476 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3186 /	DEF AT pyrite	DEF AT 2
3770 /	DEF AT local marker foram decrease	DEF AT 2
3950 /	DEF AT Cyclammina sp. (local marker)	DEF AT 2
4040 /	DEF AT local marker foram decrease	DEF AT 2
4100 /	DEF AT local marker benthic foram increase	DEF AT 2
4370 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4610 /	DEF AT local marker foram decrease	DEF AT 2
4970 /	DEF AT pyrite	DEF AT 2
5180 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5210 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
5300 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 2
6380 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
6530 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
6980 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 238	Date of Summary: 29-MAY-1971	First Sample Examined: 912
Lease Number: G00982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15562
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15562
API Well Number: 177092001900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 912 - 15562	Water Depth: 115
Public Info Code: Y 02-SEP-1971	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7010 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7430 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 2
7550 /	DEF AT local marker foram decrease	DEF AT 2
7760 /	POS AT local marker planktic foram increase	DEF AT 3
8720 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8780 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8990 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9020 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9050 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9860 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10220 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11480 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12630 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
12870 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
13260 /	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
13500 /	DEF AT drilling material	DEF AT 4
14340 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
14640 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14820 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
14970 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
15090 /	DEF AT ash	DEF AT 4
15420 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
15480 /	DEF IN Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
15562 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 238	Date of Summary: 26-OCT-1989	First Sample Examined: 8700
Lease Number: G00982	Source of Paleo: OPERATOR	Borehole MD: 15562
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15562
API Well Number: 177092001900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 101
Paleo Report Num: 2 of 3	Sample Range: 912 - 15562	Water Depth: 115
Public Info Code: Y 02-SEP-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8700 /	DEF AT first sample examined	DEF AT 2
9000 /	DEF AT -----	DEF AT 3
9400 /	DEF AT -----	DEF AT 2
10900 /	DEF AT -----	DEF AT 3
11100 /	DEF AT -----	DEF AT 2
11400 /	DEF AT -----	DEF AT 3
12400 /	DEF AT -----	DEF AT 2
13700 /	DEF AT -----	DEF AT 3
14250 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
15560 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 238	Date of Summary: 30-JAN-1990	First Sample Examined: 6980
Lease Number: G00982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15562
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15562
API Well Number: 177092001900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 3 of 3	Sample Range: 6980 - 14640	Water Depth: 115
Public Info Code: Y 02-SEP-1971	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT first sample examined	DEF AT 3
6981 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7010 /	DEF AT sample gap top	POS AT 3
7610 /	DEF AT sample gap bottom	DEF AT 3
7880 /	DEF AT oxidized shale	DEF AT 3
8120 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8450 /	DEF AT sample gap top	POS AT 3
8719 /	DEF AT sample gap bottom	DEF AT 3
8720 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8960 /	DEF AT local marker foram decrease	DEF AT 3
9020 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
10880 /	POS AT local marker foram increase	DEF AT 4
11450 /	POS AT local marker foram increase	DEF AT 4
11480 /	DEF AT oxidized shale	DEF AT 4
12410 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12440 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 4
13170 /	DEF AT gray shale	DEF AT 4
13260 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
13740 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
13770 /	DEF AT local marker benthic foram increase	DEF AT 4
13920 /	DEF AT local marker foram decrease	DEF AT 4
14310 /	DEF AT local marker benthic foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 238	Date of Summary: 30-JAN-1990	First Sample Examined: 6980
Lease Number: G00982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15562
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15562
API Well Number: 177092001900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 101
Paleo Report Num: 3 of 3	Sample Range: 6980 - 14640	Water Depth: 115
Public Info Code: Y 02-SEP-1971	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14520 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
14640 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 240	Date of Summary: 19-NOV-1982	First Sample Examined: 920
Lease Number: G04453	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15005
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15005
API Well Number: 177094044300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 920 - 15005	Water Depth: 140
Public Info Code: Y 25-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
920 /	DEF AT first sample examined	DEF AT 2
1070 /	DEF AT local marker benthic foram increase	DEF AT 2
1280 /	DEF AT local marker planktic foram increase	DEF AT 2
1340 /	DEF AT local marker foram decrease	DEF AT 2
1490 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1700 /	DEF AT local marker foram decrease	DEF AT 2
2270 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2360 /	DEF AT local marker foram decrease	DEF AT 2
4580 /	POS AT local marker foram increase	DEF AT 2
4765 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5210 /	DEF AT local marker foram decrease	DEF AT 2
5240 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5810 /	DEF AT local marker benthic foram increase	DEF AT 2
5930 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6110 /	DEF AT local marker foram increase	DEF IN 2
6200 /	DEF AT local marker planktic foram increase	DEF IN 2
6260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
6320 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6830 /	DEF AT local marker foram decrease	DEF AT 2
7310 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
7400 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 2
7940 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 240	Date of Summary: 19-NOV-1982	First Sample Examined: 920
Lease Number: G04453	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15005
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15005
API Well Number: 177094044300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 920 - 15005	Water Depth: 140
Public Info Code: Y 25-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
8030 /	DEF AT local marker foram decrease	DEF AT 2
10070 /	DEF AT local marker benthic foram increase	DEF IN 2
10370 /	DEF AT local marker foram decrease	DEF AT 2
10490 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10940 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11330 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11360 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11390 /	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11930 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
11960 /	DEF AT local marker foram decrease	DEF AT 4
12290 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
12380 /	DEF AT local marker planktic foram increase	DEF AT 4
12530 /	DEF AT local marker foram decrease	DEF AT 4
13010 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
13070 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
13100 /	DEF AT local marker planktic foram increase	DEF AT 5
13159 /	DEF IN Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
13160 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
13190 /	DEF AT local marker foram decrease	DEF AT 5
13640 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13880 /	DEF AT Cyclammina sp. (local marker)	DEF AT 5
14120 /	DEF AT local marker foram decrease	DEF AT 5
14539 /	DEF AT foram flood	DEF AT 6
14540 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 240	Date of Summary: 19-NOV-1982	First Sample Examined: 920
Lease Number: G04453	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15005
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15005
API Well Number: 177094044300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 920 - 15005	Water Depth: 140
Public Info Code: Y 25-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14660 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 6
14690 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
15005 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 256	Date of Summary: 26-AUG-1971	First Sample Examined: 6500
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14000
API Well Number: 177094000900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6500 - 14000	Water Depth: 148
Public Info Code: Y 20-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6500 /	DEF AT first sample examined	DEF IN 3
6920 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9050 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
9740 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12230 /	DEF AT poor sample interval top	DEF AT 4
12530 /	DEF AT - - - - -	DEF AT 5
13160 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 5
13999 /	DEF AT poor sample interval bottom	DEF AT 5
14000 /	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 256	Date of Summary: 26-MAY-1971	First Sample Examined: 8620
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 13991
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13991
API Well Number: 177094003500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 8620 - 13990	Water Depth: 134
Public Info Code: Y 25-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8620 /	DEF AT first sample examined	DEF IN 3
9190 /	DEF AT sample gap top	POS IN 3
9249 /	DEF AT sample gap bottom	DEF IN 3
9250 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12190 /	DEF AT - - - - -	DEF AT 5
12610 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
13990 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 256	Date of Summary: 28-OCT-1971	First Sample Examined: 6010
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10500
API Well Number: 177094007000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 6010 - 10500	Water Depth: 141
Public Info Code: Y 22-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 /	DEF AT first sample examined	DEF IN 3
7090 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9010 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10500 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 256	Date of Summary: 20-AUG-1973	First Sample Examined: 8500
Lease Number: G02102	Source of Paleo: OPERATOR	Borehole MD: 12864
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12864
API Well Number: 177094012200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 8500 - 12820	Water Depth: 145
Public Info Code: Y 14-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8500 /	DEF AT first sample examined	DEF IN 3
9190 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10810 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11470 /	DEF AT local marker (general)	DEF AT 4
12010 /	DEF AT poor sample interval top	DEF AT 4
12819 /	DEF AT poor sample interval bottom	DEF AT 4
12820 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 258	Date of Summary: 16-APR-1987	First Sample Examined: 5020
Lease Number: G01959	Source of Paleo: OPERATOR	Borehole MD: 10598
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10598
API Well Number: 177092006900	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 5020 - 10300	Water Depth: 158
Public Info Code: Y 02-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5020 /	DEF AT first sample examined	DEF AT 1
5680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6820 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7120 /	DEF AT - - - - -	DEF AT 2
7510 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
7720 /	DEF AT - - - - -	DEF AT 1
8590 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
9490 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10300 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 258	Date of Summary: 16-APR-1987	First Sample Examined: 8080
Lease Number: G01959	Source of Paleo: OPERATOR	Borehole MD: 10598
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10598
API Well Number: 177092006900	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 76
Paleo Report Num: 2 of 2	Sample Range: 8080 - 10540	Water Depth: 158
Public Info Code: Y 02-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
8080 /	DEF AT first sample examined	DEF AT
8081 /	DEF IN cement	DEF AT
8650 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
9610 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
10390 /	DEF AT - - - - -	DEF AT 3
10540 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

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Area Block: EI 258	Date of Summary: 16-APR-1987	First Sample Examined: 5000
Lease Number: G01959	Source of Paleo: OPERATOR	Borehole MD: 9777
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9777
API Well Number: 177092008800	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9770	Water Depth: 165
Public Info Code: Y 14-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 1
5870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6890 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7100 /	DEF AT - - - - -	DEF AT 2
7610 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8030 /	DEF AT - - - - -	DEF AT 1
9290 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9300 /	DEF AT - - - - -	DEF AT 2
9770 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 21-JAN-1969	First Sample Examined: 7720
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 12100
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 11871
API Well Number: 177090091300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7720 - 12100	Water Depth: 160
Public Info Code: Y 30-OCT-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 7615	DEF AT first sample examined	DEF AT
7750 / 7644	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12100 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 21-JAN-1969	First Sample Examined: 8520
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 12630
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 11338
API Well Number: 177090091900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8520 - 12630	Water Depth: 160
Public Info Code: Y 26-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8520 / 7732	DEF AT first sample examined	DEF AT
8580 / 7785	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12630 /	DEF AT last sample examined	DEF AT

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Area Block: EI 259	Date of Summary: 21-JAN-1969	First Sample Examined: 9110
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 10387
API Well Number: 177090092300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 9110 - 11820	Water Depth: 160
Public Info Code: Y 03-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9110 / 7979	DEF AT first sample examined	DEF AT
9230 / 8076	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11820 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 21-JAN-1969	First Sample Examined: 8140
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 12205
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 11587
API Well Number: 177090092400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8140 - 12205	Water Depth: 165
Public Info Code: Y 18-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8140 / 7762	DEF AT first sample examined	DEF AT
8230 / 7848	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12205 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 21-JAN-1969	First Sample Examined: 8350
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 12700
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 11359
API Well Number: 177090091901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8350 - 12700	Water Depth: 160
Public Info Code: Y 11-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 7589	DEF AT first sample examined	DEF AT
8500 / 7717	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12700 / 11309	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 15-APR-1969	First Sample Examined: 8000
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 13136
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 12484
API Well Number: 177090093200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 8000 - 13136	Water Depth: 160
Public Info Code: Y 09-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7676	DEF AT first sample examined	DEF AT
8130 / 7799	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13136 / 12484	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 15-APR-1969	First Sample Examined: 7800
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: C007	Paleo Done By: OPERATOR	Borehole TVD: 11300
API Well Number: 177090093500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7800 - 11300	Water Depth: 160
Public Info Code: Y 25-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 /	DEF AT first sample examined	DEF AT
7900 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11300 /	DEF AT last sample examined	DEF AT

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Area Block: EI 259	Date of Summary: 09-OCT-1969	First Sample Examined: 7700
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11612
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 11438
API Well Number: 177092002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7700 - 11612	Water Depth: 165
Public Info Code: Y 19-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 / 7563	DEF AT first sample examined	DEF AT
7900 / 7759	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11612 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 19-MAY-1969	First Sample Examined: 7750
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 11203
API Well Number: 177090094000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 7750 - 11300	Water Depth: 165
Public Info Code: Y 11-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7657	DEF AT first sample examined	DEF AT
7870 / 7777	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11300 / 11205	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 19-MAY-1969	First Sample Examined: 10500
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177090094700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10500 - 11600	Water Depth: 165
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10500 /	DEF AT first sample examined	DEF AT
10501 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11600 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 10-SEP-1969	First Sample Examined: 8500
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 12610
Well Name: C011	Paleo Done By: OPERATOR	Borehole TVD: 11446
API Well Number: 177092002900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8500 - 8750	Water Depth: 165
Public Info Code: Y 13-SEP-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 7831	DEF AT first sample examined	DEF AT
8620 / 7937	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8750 / 8051	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 19-MAY-1969	First Sample Examined: 10690
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11610
Well Name: C012	Paleo Done By: OPERATOR	Borehole TVD: 11494
API Well Number: 177092000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 10690 - 11610	Water Depth: 165
Public Info Code: Y 08-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10690 /	DEF AT first sample examined	DEF AT
10691 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11610 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 31-JUL-1969	First Sample Examined: 7480
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 11760
Well Name: C014	Paleo Done By: OPERATOR	Borehole TVD: 11550
API Well Number: 177092002000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7480 - 11760	Water Depth: 165
Public Info Code: Y 28-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7362	DEF AT first sample examined	DEF AT
7960 / 7838	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11760 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 259	Date of Summary: 10-SEP-1969	First Sample Examined: 8600
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 12030
Well Name: C015	Paleo Done By: OPERATOR	Borehole TVD: 10859
API Well Number: 177090092301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 8600 - 8890	Water Depth: 165
Public Info Code: Y 01-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 / 7437	DEF AT first sample examined	DEF AT
8800 / 7635	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8890 / 7724	DEF AT last sample examined	DEF AT

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Area Block: EI 259	Date of Summary: 21-OCT-1969	First Sample Examined: 8440
Lease Number: G00985	Source of Paleo: OPERATOR	Borehole MD: 14822
Well Name: C016	Paleo Done By: OPERATOR	Borehole TVD: 13653
API Well Number: 177092004600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8440 - 14770	Water Depth: 165
Public Info Code: Y 31-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8440 / 7885	DEF AT first sample examined	DEF AT
8650 / 8076	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13510 / 12512	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14770 / 13638	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 261	Date of Summary: 02-JUN-1975	First Sample Examined: 1000
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 11618
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11618
API Well Number: 177094022900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 1000 - 11640	Water Depth: 165
Public Info Code: Y 26-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1540 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1840 /	DEF AT - - - -	DEF AT 2
2680 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2980 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
3160 /	DEF AT local marker foram decrease	DEF AT 3
5200 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7000 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7030 /	DEF AT local marker foram decrease	DEF AT 4
8470 /	DEF AT - - - -	DEF AT 4
9070 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9430 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9490 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10420 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10690 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10890 /	DEF AT local marker foram decrease	DEF AT 4
11110 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11380 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11640 /	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 261	Date of Summary: 24-MAR-1975	First Sample Examined: 766
Lease Number: G02900	Source of Paleo: OPERATOR	Borehole MD: 11344
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11344
API Well Number: 177094022600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 766 - 11330	Water Depth: 166
Public Info Code: Y 16-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
766 / 766	DEF AT first sample examined	DEF AT
767 / 767	DEF AT cement	DEF AT
1000 / 1000	POS AT - - - -	POS AT 2
3760 / 3760	POS AT Turtle Grass fauna = Amphistegina Mound	POS AT 3
5620 / 5620	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6940 / 6940	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
7090 / 7090	DEF AT local marker foram decrease	POS AT 3
7330 / 7330	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	POS AT 3
8210 / 8210	POS AT - - - -	POS AT 4
8330 / 8330	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	POS AT 4
8510 / 8510	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	POS AT 4
9920 / 9920	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10220 / 10220	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
11210 / 11207	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
11270 / 11267	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11300 / 11296	POS AT anhydrite	POS AT 4
11301 / 11297	POS AT salt	POS AT 4
11330 / 11326	POS AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 261	Date of Summary: 29-OCT-1981	First Sample Examined: 6000
Lease Number: G03156	Source of Paleo: OPERATOR	Borehole MD: 13470
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11548
API Well Number: 177094046100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13460	Water Depth: 166
Public Info Code: Y 31-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 4762	DEF AT first sample examined	DEF IN 3
6030 / 4777	DEF AT sample gap top	POS IN 3
6880 / 5274	DEF AT sample gap bottom	DEF IN 3
8330 / 6482	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8840 / 6973	DEF AT - - - - -	DEF AT 3
8870 / 7002	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9110 / 7238	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10580 / 8705	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
11930 / 10023	DEF AT - - - - -	DEF AT 4
13340 / 11418	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13460 / 11538	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 262	Date of Summary: 14-JAN-1982	First Sample Examined: 0
Lease Number: G03156	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13445
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12454
API Well Number: 177094040700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 31-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 3390	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6450 / 6450	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6930 / 6930	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8880 / 8769	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
12720 / 11855	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
13140 / 12203	DEF AT faunal change (no faunal increase)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 265	Date of Summary: 07-JAN-1992	First Sample Examined: 0
Lease Number: G01894	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6200
API Well Number: 177090094900	Drilling Operator: SANDEFER OFFSHORE PRODUCTION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 31-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 267	Date of Summary: 11-FEB-1966	First Sample Examined: 5190
Lease Number: 00812	Source of Paleo: OPERATOR	Borehole MD: 10673
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10673
API Well Number: 177100000100	Drilling Operator: CONOCO INC	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 5190 - 10656	Water Depth: 173
Public Info Code: Y 20-NOV-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5190 /	DEF AT first sample examined	DEF AT 1
5820 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6300 /	DEF AT non-marine sediment	DEF AT 0
10626 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 269	Date of Summary: 31-DEC-1968	First Sample Examined: 1250
Lease Number: 00813	Source of Paleo: OPERATOR	Borehole MD: 6998
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6998
API Well Number: 177100009600	Drilling Operator: CONOCO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1250 - 6940	Water Depth: 175
Public Info Code: Y 27-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1250 / 1250	DEF AT first sample examined	DEF AT 1
1430 / 1430	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5749 / 5749	DEF AT glauconite	DEF AT 1
5750 / 5750	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6940 / 6939	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 273	Date of Summary: 11-SEP-1986	First Sample Examined: 6000
Lease Number: G00987	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11800
API Well Number: 177100005000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 660 - 10290	Water Depth: 185
Public Info Code: Y 09-JUL-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 2
6390 / 6390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7320 / 7320	DEF AT - - - -	DEF AT 3
7350 / 7350	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10290 / 10290	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 273	Date of Summary: 11-SEP-1986	First Sample Examined: 8950
Lease Number: G00987	Source of Paleo: OPERATOR	Borehole MD: 11800
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11800
API Well Number: 177100005000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 8950 - 11800	Water Depth: 185
Public Info Code: Y 09-JUL-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8950 / 8950	DEF AT first sample examined	DEF AT 3
10330 / 10330	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10630 / 10630	DEF AT - - - - -	DEF AT 4
11800 / 11800	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 276	Date of Summary: 28-MAY-1963	First Sample Examined: 500
Lease Number: G00989	Source of Paleo: OPERATOR	Borehole MD: 8742
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8742
API Well Number: 177100000500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 500 - 8690	Water Depth: 144
Public Info Code: Y 13-JUN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF AT
4880 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5810 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5960 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7550 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8690 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 276	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10510
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 10510
API Well Number: 177104046100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 30-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5093 / 5093	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6118 / 6118	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6319 / 6319	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7190 / 7190	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
7917 / 7916	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 276	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7958
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 7311
API Well Number: 177104046201	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 24-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5071	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6100 / 5620	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6441 / 5932	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
6985 / 6428	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7405 / 6810	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 276	Date of Summary: 23-MAR-1998	First Sample Examined: 0
Lease Number: G00989	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7831
Well Name: E003	Paleo Done By: OPERATOR	Borehole TVD: 7498
API Well Number: 177104059901	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 06-DEC-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5350 / 5123	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5604 / 5360	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5944 / 5679	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7436 / 7105	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 277	Date of Summary: 20-FEB-1984	First Sample Examined: 0
Lease Number: G05510	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11569
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11261
API Well Number: 177104104800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 18-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 / 6419	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7800 / 7776	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 279	Date of Summary: 05-AUG-1982	First Sample Examined: 0
Lease Number: G04865	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10875
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10875
API Well Number: 177104098400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9352 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 281	Date of Summary: 10-APR-1975	First Sample Examined: 0
Lease Number: G02901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11800
API Well Number: 177104044600	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 196
Public Info Code: Y 26-SEP-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2418 / 2418	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3832 / 3832	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
3833 / 3833	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5175 / 5175	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6930 / 6929	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8869 / 8867	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10169 / 10164	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 281	Date of Summary: 10-APR-1975	First Sample Examined: 0
Lease Number: G02901	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8516
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8516
API Well Number: 177104062400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 196
Public Info Code: Y 26-SEP-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2418 / 2418	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3690 / 3690	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5175 / 5175	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6930 / 6929	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8953 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 281	Date of Summary: 16-MAR-1984	First Sample Examined: 4820
Lease Number: G05511	Source of Paleo: OPERATOR	Borehole MD: 15095
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15095
API Well Number: 177104105100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 4820 - 15090	Water Depth: 199
Public Info Code: Y 11-JUL-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4820 / 4820	DEF AT first sample examined	DEF AT
9470 / 9468	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
15090 / 15077	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 283	Date of Summary: 14-SEP-1978	First Sample Examined: 1680
Lease Number: G03568	Source of Paleo: OPERATOR	Borehole MD: 13812
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12512
API Well Number: 177104073500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 96
Paleo Report Num: 1 of 4	Sample Range: 1680 - 11400	Water Depth: 194
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1680 / 1680	DEF AT first sample examined	DEF AT 2
2310 / 2310	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6360 / 6141	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7320 / 6984	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7560 / 7194	DEF AT - - - - -	DEF AT 4
9750 / 9085	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11400 / 10474	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 283	Date of Summary: 14-OCT-1978	First Sample Examined: 10870
Lease Number: G03568	Source of Paleo: OPERATOR	Borehole MD: 13812
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12512
API Well Number: 177104073500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 96
Paleo Report Num: 2 of 4	Sample Range: 10870 - 13810	Water Depth: 194
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10870 / 10034	DEF AT first sample examined	DEF AT 5
13810 / 12511	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 283	Date of Summary: 30-OCT-1978	First Sample Examined: 1680
Lease Number: G03568	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13812
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12512
API Well Number: 177104073500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 96
Paleo Report Num: 3 of 4	Sample Range: 1680 - 11400	Water Depth: 194
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1680 / 1680	DEF AT first sample examined	POS AT 2
1830 / 1830	DEF AT local marker benthic foram increase	DEF AT 2
2310 / 2310	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3630 / 3630	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3840 / 3840	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4650 / 4637	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6329 / 6114	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6330 / 6115	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6870 / 6589	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6930 / 6642	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
7200 / 6879	DEF AT poor sample interval top	POS AT 3
7558 / 7192	DEF AT poor sample interval bottom	DEF AT 4
7559 / 7193	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7560 / 7194	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9090 / 8522	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9720 / 9059	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10380 / 9623	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10770 / 9951	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
11340 / 10425	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11400 / 10474	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 283	Date of Summary: 30-OCT-1978	First Sample Examined: 10870
Lease Number: G03568	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13812
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12512
API Well Number: 177104073500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 96
Paleo Report Num: 4 of 4	Sample Range: 10870 - 13810	Water Depth: 194
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10870 / 10034	DEF AT first sample examined	DEF AT 5
11020 / 10161	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
12190 / 11116	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13030 / 11828	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13810 / 12511	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 283	Date of Summary: 07-MAY-1981	First Sample Examined: 3930
Lease Number: G03568	Source of Paleo: OPERATOR	Borehole MD: 9484
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8072
API Well Number: 177104093000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3930 - 9450	Water Depth: 200
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 /	DEF AT first sample examined	DEF AT 2
7499 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7500 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
9450 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 283	Date of Summary: 07-MAY-1981	First Sample Examined: 3930
Lease Number: G03568	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 177104093001	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3930 - 12300	Water Depth: 200
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3778	DEF AT first sample examined	DEF AT 2
7210 / 6962	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9449 / 9200	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9450 / 9201	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9660 / 9411	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
10890 / 10637	DEF AT faunal change (no faunal increase)	DEF AT 5
12300 / 11984	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 284	Date of Summary: 15-OCT-1968	First Sample Examined: 2540
Lease Number: G00991	Source of Paleo: OPERATOR	Borehole MD: 7810
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7810
API Well Number: 177100007800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 2540 - 7790	Water Depth: 194
Public Info Code: Y 18-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2540 /	DEF AT first sample examined	DEF AT
3260 /	DEF AT sample gap top	DEF AT
4000 /	DEF AT sample gap bottom	DEF AT
5290 /	DEF AT sample gap top	DEF AT
5830 /	DEF AT sample gap bottom	DEF AT
6820 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7790 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

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Area Block: EI 284	Date of Summary: 15-OCT-1968	First Sample Examined: 3000
Lease Number: G00991	Source of Paleo: OPERATOR	Borehole MD: 7655
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7655
API Well Number: 177100009000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7650	Water Depth: 194
Public Info Code: Y 22-OCT-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
3480 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
3720 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5580 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7650 /	DEF AT last sample examined	DEF AT

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Area Block: EI 284	Date of Summary: 31-OCT-1968	First Sample Examined: 3000
Lease Number: G00991	Source of Paleo: OPERATOR	Borehole MD: 8143
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8143
API Well Number: 177100009300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8143	Water Depth: 194
Public Info Code: Y 27-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3720 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5070 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
6269 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6270 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6817 /	DEF AT poor sample interval top	DEF AT
7374 /	DEF AT poor sample interval bottom	DEF AT
7375 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT
8143 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 284	Date of Summary: 20-NOV-1968	First Sample Examined: 3000
Lease Number: G00991	Source of Paleo: OPERATOR	Borehole MD: 6066
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6066
API Well Number: 177100010000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6070	Water Depth: 194
Public Info Code: Y 05-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: 4350=chert fragments

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3300 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4350 /	DEF AT local marker (general)	DEF AT
4560 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
6070 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 285	Date of Summary: 06-MAY-1969	First Sample Examined: 0
Lease Number: G00992	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11986
API Well Number: 177100009800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 14-APR-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 6380	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8180 / 8180	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 285	Date of Summary: 27-APR-1977	First Sample Examined: 5010
Lease Number: G00992	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 177104063800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5010 - 9500	Water Depth: 196
Public Info Code: Y 08-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5010 /	DEF AT first sample examined	DEF IN 2
6540 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8100 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8280 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8510 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 286	Date of Summary: 15-OCT-1968	First Sample Examined: 3000
Lease Number: G00993	Source of Paleo: OPERATOR	Borehole MD: 7527
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7527
API Well Number: 177100009100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7527	Water Depth: 156
Public Info Code: Y 04-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
5110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6100 /	DEF AT local marker benthic foram increase	DEF AT
7527 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 286	Date of Summary: 04-MAY-1970	First Sample Examined: 4000
Lease Number: G00993	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7500
API Well Number: 177102001700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7479	Water Depth: 199
Public Info Code: Y 01-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT
4842 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7479 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 17-JUN-1971	First Sample Examined: 6600
Lease Number: G00993	Source of Paleo: OPERATOR	Borehole MD: 9126
Well Name: D009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7169
API Well Number: 177104002200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6600 - 9146	Water Depth: 200
Public Info Code: Y 06-JUL-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 5280	DEF AT first sample examined	DEF AT 3
6601 / 5281	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8536 / 6763	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9146 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 27-JAN-1971	First Sample Examined: 5240
Lease Number: G00995	Source of Paleo: OPERATOR	Borehole MD: 10398
Well Name: D006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8830
API Well Number: 177102004100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5240 - 10360	Water Depth: 200
Public Info Code: Y 26-JAN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5240 / 4937	DEF AT first sample examined	DEF AT
5241 / 4938	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6560 / 5942	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8205 / 7231	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9040 / 7866	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9280 / 8031	DEF AT local marker foram increase	DEF AT
10109 / 8602	DEF AT gypsum	DEF AT
10110 / 8602	POS AT salt	DEF AT
10360 / 8803	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 01-OCT-1970	First Sample Examined: 3142
Lease Number: G01979	Source of Paleo: OPERATOR	Borehole MD: 9452
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9452
API Well Number: 177102003100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3142 - 9452	Water Depth: 200
Public Info Code: Y 24-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3142 /	DEF AT first sample examined	DEF AT 2
4338 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4866 /	DEF AT - - - - -	DEF AT 2
5262 /	DEF AT - - - - -	DEF AT 3
5878 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6408 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7010 /	DEF AT - - - - -	DEF AT 2
9097 /	DEF AT - - - - -	DEF AT 3
9451 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9452 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 17-NOV-1970	First Sample Examined: 2515
Lease Number: G01979	Source of Paleo: OPERATOR	Borehole MD: 7354
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7354
API Well Number: 177102003900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2515 - 7335	Water Depth: 200
Public Info Code: Y 07-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2515 /	DEF AT first sample examined	DEF AT 2
3332 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4035 /	DEF AT - - - - -	DEF AT 2
5043 /	DEF AT - - - - -	DEF AT 3
5438 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5836 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6322 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7291 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 17-MAR-1971	First Sample Examined: 2637
Lease Number: G01979	Source of Paleo: OPERATOR	Borehole MD: 14461
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14461
API Well Number: 177104000500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 2637 - 14445	Water Depth: 200
Public Info Code: Y 15-MAR-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2637 /	DEF AT first sample examined	DEF AT 2
3423 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5753 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6024 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6581 /	DEF AT - - - - -	DEF AT 2
8683 /	DEF AT - - - - -	DEF AT 3
8900 /	DEF AT poor sample interval top	DEF AT 3
9480 /	DEF AT cement	POS AT 3
9686 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
11115 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
13119 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
14383 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 5
14443 /	POS AT salt	DEF AT 5
14444 /	DEF AT poor sample interval bottom	DEF AT 5
14445 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 12-JUL-1971	First Sample Examined: 2637
Lease Number: G01979	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14461
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 14461
API Well Number: 177104000500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 2637 - 14445	Water Depth: 200
Public Info Code: Y 15-MAR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2637 /	DEF AT first sample examined	POS AT 2
3423 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3555 /	DEF AT local marker foram decrease	DEF AT 2
4478 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5752 /	DEF AT pyrite	DEF AT 3
5753 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5984 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6024 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6059 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
6235 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
9337 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9686 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9749 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10120 /	DEF AT local marker foram decrease	DEF AT 5
10587 /	DEF AT pyrite	DEF AT 5
10680 /	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
11115 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
11224 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11525 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12964 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
13088 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13180 /	DEF AT Bathysiphon fauna	DEF AT 5

This report contains public paleo reports only for the time period stated

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MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 287	Date of Summary: 12-JUL-1971	First Sample Examined: 2637
Lease Number: G01979	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14461
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 14461
API Well Number: 177104000500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 2637 - 14445	Water Depth: 200
Public Info Code: Y 15-MAR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13334 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14045 /	DEF AT pyrite	DEF AT 5
14383 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14445 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 288	Date of Summary: 08-SEP-1975	First Sample Examined: 1150
Lease Number: G02902	Source of Paleo: OPERATOR	Borehole MD: 9187
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9185
API Well Number: 177104046400	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 54
Paleo Report Num: 1 of 2	Sample Range: 1150 - 9160	Water Depth: 209
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 / 1150	DEF AT first sample examined	DEF IN 2
1270 / 1270	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1360 / 1360	DEF AT local marker foram decrease	DEF AT 3
2140 / 2140	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6230 / 6230	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7788 / 7787	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7789 / 7788	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
7790 / 7789	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7970 / 7969	DEF AT local marker foram decrease	DEF AT 3
8829 / 8828	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8830 / 8829	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8890 / 8889	POS AT foram flood	DEF IN 4
9009 / 9007	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9010 / 9008	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
9129 / 9127	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9130 / 9128	DEF AT foram flood	DEF AT 5
9160 / 9158	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 288	Date of Summary: 23-SEP-1975	First Sample Examined: 1150
Lease Number: G02902	Source of Paleo: OPERATOR	Borehole MD: 9187
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9185
API Well Number: 177104046400	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 54
Paleo Report Num: 2 of 2	Sample Range: 1150 - 9181	Water Depth: 209
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 / 1150	DEF AT first sample examined	DEF AT 1
1270 / 1270	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 1
2170 / 2170	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3470 / 3470	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
3710 / 3710	DEF AT cement	POS AT 1
5990 / 5990	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7788 / 7787	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 1
7789 / 7788	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 1
7790 / 7789	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 1
8708 / 8707	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 3
8709 / 8708	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
8710 / 8709	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
9181 / 9179	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 288	Date of Summary: 10-NOV-1975	First Sample Examined: 3820
Lease Number: G02902	Source of Paleo: OPERATOR	Borehole MD: 9689
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9678
API Well Number: 177104050000	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3820 - 9689	Water Depth: 204
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3820 / 3820	DEF AT first sample examined	DEF IN 3
3821 / 3821	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6520 / 6519	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7120 / 7119	DEF AT local marker deep water fauna	DEF AT 4
7330 / 7329	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
7569 / 7568	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7570 / 7569	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9689 / 0	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 288	Date of Summary: 03-JAN-1980	First Sample Examined: 3850
Lease Number: G02902	Source of Paleo: OPERATOR	Borehole MD: 11099
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11099
API Well Number: 177104083100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 3850 - 11110	Water Depth: 205
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3850 / 3849	DEF AT first sample examined	DEF IN 3
4060 / 4059	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4630 / 4629	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4780 / 4779	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
6130 / 6128	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6370 / 6367	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
8140 / 8135	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
8170 / 8165	POS AT local marker deep water fauna	DEF AT 4
8320 / 8314	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
10420 / 10409	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10570 / 10559	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
10990 / 10977	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11100 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 288	Date of Summary: 22-SEP-1980	First Sample Examined: 7500
Lease Number: G02902	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10499
API Well Number: 177104085000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 7500 - 10500	Water Depth: 210
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7500 / 7500	DEF AT first sample examined	DEF AT 2
7501 / 7501	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8370 / 8370	DEF AT sample gap top	POS AT 2
8490 / 8490	DEF AT sample gap bottom	DEF AT 2
8910 / 8910	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9059 / 9059	DEF AT Bathysiphon fauna	DEF AT 5
9060 / 9060	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9510 / 9509	DEF AT - - - -	DEF AT 4
10500 / 10499	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 292	Date of Summary: 21-AUG-1964	First Sample Examined: 5270
Lease Number: G00994	Source of Paleo: OPERATOR	Borehole MD: 8425
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8425
API Well Number: 177100008100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5270 - 12940	Water Depth: 165
Public Info Code: Y 02-MAR-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5270 /	DEF AT first sample examined	DEF AT
7450 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8769 /	DEF AT out-of-place section	DEF AT
8770 /	DEF AT local marker planktic foram increase	DEF AT
10000 /	DEF AT sandstone	DEF AT
11020 /	DEF AT poor sample interval top	DEF AT
11410 /	POS AT gouge	DEF AT
11590 /	DEF AT gouge	DEF AT
12122 /	DEF AT salt	DEF AT
12460 /	POS AT gypsum	DEF AT
12939 /	DEF AT poor sample interval bottom	DEF AT
12940 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 292	Date of Summary: 14-JUN-1967	First Sample Examined: 5000
Lease Number: G00994	Source of Paleo: OPERATOR	Borehole MD: 8685
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8685
API Well Number: 177100006400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8698	Water Depth: 165
Public Info Code: Y 14-MAR-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT 2
6535 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7447 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7547 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
7548 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8129 /	DEF AT - - - -	DEF AT 4
8698 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 292	Date of Summary: 14-JUN-1967	First Sample Examined: 5000
Lease Number: G00994	Source of Paleo: OPERATOR	Borehole MD: 8002
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8002
API Well Number: 177100006300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7969	Water Depth: 165
Public Info Code: Y 25-MAR-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT 2
6706 /	DEF AT - - - - -	DEF AT 3
7077 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7078 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7969 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 292	Date of Summary: 14-JUN-1967	First Sample Examined: 6000
Lease Number: G00994	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13500
API Well Number: 177100006100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13516	Water Depth: 165
Public Info Code: Y 29-APR-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 2
7724 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7725 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8015 /	DEF AT - - - - -	DEF AT 3
9805 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11985 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11986 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
13516 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 292	Date of Summary: 10-SEP-1964	First Sample Examined: 9070
Lease Number: G00995	Source of Paleo: OPERATOR	Borehole MD: 10176
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8967
API Well Number: 177100002700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 9070 - 10100	Water Depth: 215
Public Info Code: Y 22-SEP-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9070 / 7944	DEF AT first sample examined	POS AT 5
9071 / 7945	DEF AT cement	POS AT 5
9670 / 8498	POS AT out-of-place section	POS AT 5
10100 / 8898	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 293	Date of Summary: 25-SEP-1968	First Sample Examined: 3180
Lease Number: G00995	Source of Paleo: OPERATOR	Borehole MD: 7485
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7485
API Well Number: 177100008800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3180 - 7485	Water Depth: 167
Public Info Code: Y 10-OCT-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3180 /	DEF AT first sample examined	DEF AT
4000 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6410 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7485 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 293	Date of Summary: 28-MAR-1977	First Sample Examined: 4360
Lease Number: G00995	Source of Paleo: OPERATOR	Borehole MD: 7356
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7356
API Well Number: 177104063300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4360 - 7356	Water Depth: 205
Public Info Code: Y 19-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4360 / 4360	DEF AT first sample examined	DEF AT 3
6060 / 6060	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6857 / 6857	DEF AT sample gap top	DEF AT
6887 / 6887	DEF AT sample gap bottom	DEF AT
6888 / 6888	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7356 / 7356	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 293	Date of Summary: 12-MAY-1977	First Sample Examined: 4020
Lease Number: G00995	Source of Paleo: OPERATOR	Borehole MD: 7521
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7521
API Well Number: 177104063500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4020 - 7520	Water Depth: 209
Public Info Code: Y 27-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4020	DEF AT first sample examined	DEF AT 3
5810 / 5810	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6860 / 6860	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7520 / 7520	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 295	Date of Summary: 28-JUL-1971	First Sample Examined: 1000
Lease Number: G02104	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9800
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9800
API Well Number: 177104002100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9810	Water Depth: 213
Public Info Code: Y 19-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1300 /	DEF IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
1600 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3510 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
3570 /	DEF AT local marker foram decrease	DEF AT 3
4170 /	DEF AT pyrite	DEF AT 3
5760 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7110 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7169 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7170 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
8070 /	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
9240 /	DEF AT local marker benthic foram increase	DEF AT 3
9810 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 29-MAR-1971	First Sample Examined: 3558
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 13677
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13677
API Well Number: 177104000700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3558 - 13662	Water Depth: 200
Public Info Code: Y 25-APR-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3558 / 3558	DEF AT first sample examined	DEF IN 2
3680 / 3680	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6230 / 6230	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10440 / 10440	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10770 / 10770	DEF AT faunal change (no faunal increase)	DEF AT 4
12990 / 12990	DEF AT faunal change (no faunal increase)	DEF AT 5
13440 / 13440	DEF AT faunal change (no faunal increase)	DEF AT 6
13662 / 13662	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 21-OCT-1971	First Sample Examined: 3525
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 10129
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10129
API Well Number: 177104004500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3525 - 10120	Water Depth: 209
Public Info Code: Y 19-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3525 / 3525	DEF AT first sample examined	POS AT 3
3536 / 3536	DEF AT cement	POS AT 3
3645 / 3645	DEF AT faunal change (no faunal increase)	DEF AT 3
3735 / 3735	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5980 / 5980	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10120 / 10120	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 01-DEC-1971	First Sample Examined: 3330
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9450
API Well Number: 177104004800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3330 - 9440	Water Depth: 200
Public Info Code: Y 24-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3330 /	DEF AT first sample examined	POS AT 3
3450 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5910 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9440 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 18-JUL-1973	First Sample Examined: 8970
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 10775
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10775
API Well Number: 177104023000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8970 - 10775	Water Depth: 204
Public Info Code: Y 13-AUG-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 /	DEF AT first sample examined	DEF IN 3
9350 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10775 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 13-JUL-1976	First Sample Examined: 6000
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11645
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11645
API Well Number: 177104055900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 6000 - 11645	Water Depth: 209
Public Info Code: Y 07-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5999	DEF AT first sample examined	DEF IN 3
6510 / 6509	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10770 / 10768	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11645 / 11643	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 28-MAY-1973	First Sample Examined: 9600
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11632
Well Name: A019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10616
API Well Number: 177104019700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9600 - 11580	Water Depth: 211
Public Info Code: Y 03-JUN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 8786	DEF AT first sample examined	DEF IN 3
11580 / 10578	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 03-JUL-1973	First Sample Examined: 8000
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 12790
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12466
API Well Number: 177104022000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8000 - 12790	Water Depth: 211
Public Info Code: Y 19-JUL-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7721	DEF AT first sample examined	DEF IN 3
10940 / 10616	DEF AT faunal change (no faunal increase)	DEF AT 4
11030 / 10706	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12790 / 12462	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 21-SEP-1972	First Sample Examined: 4500
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 12550
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11959
API Well Number: 177104011300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4500 - 12520	Water Depth: 217
Public Info Code: Y 16-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4302	DEF AT first sample examined	DEF IN 3
6550 / 6242	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
11260 / 10730	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12520 / 11931	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 16-NOV-1972	First Sample Examined: 10100
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 12155
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11515
API Well Number: 177104012800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 10100 - 12155	Water Depth: 214
Public Info Code: Y 20-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9482	DEF AT first sample examined	DEF IN 3
11450 / 10812	DEF AT sample gap top	POS IN 3
11569 / 10930	DEF AT sample gap bottom	DEF AT 4
11570 / 10931	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12155 / 11512	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 26-APR-1973	First Sample Examined: 9360
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11484
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11484
API Well Number: 177104019400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9360 - 11080	Water Depth: 217
Public Info Code: Y 09-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9360 / 9359	DEF AT first sample examined	DEF IN 3
10480 / 10479	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
10780 / 10779	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11080 / 11079	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 28-MAY-1973	First Sample Examined: 9600
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 13277
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12019
API Well Number: 177104020200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 9600 - 13140	Water Depth: 214
Public Info Code: Y 24-JUN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 8355	DEF AT first sample examined	DEF IN 3
11820 / 10559	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
13140 / 11872	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 13-JUL-1973	First Sample Examined: 8460
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11916
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11335
API Well Number: 177104022700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8460 - 11916	Water Depth: 214
Public Info Code: Y 10-AUG-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8460 / 8078	DEF AT first sample examined	DEF IN 3
11400 / 10853	DEF AT faunal change (no faunal increase)	DEF AT 4
11430 / 10881	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11916 / 11341	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 18-SEP-1973	First Sample Examined: 8430
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 12297
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11619
API Well Number: 177104025300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8430 - 11970	Water Depth: 214
Public Info Code: Y 02-OCT-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 8045	DEF AT first sample examined	DEF IN 3
11550 / 10896	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11970 / 11300	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 23-OCT-1973	First Sample Examined: 10290
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11881
Well Name: B014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11119
API Well Number: 177104027100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 10290 - 11880	Water Depth: 214
Public Info Code: Y 19-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10290 / 9639	DEF AT first sample examined	DEF IN 3
10770 / 10079	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11110 / 10397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11880 / 11120	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 26-DEC-1973	First Sample Examined: 9990
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11217
Well Name: B015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10683
API Well Number: 177104028100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9990 - 11000	Water Depth: 214
Public Info Code: Y 19-JAN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9513	DEF AT first sample examined	DEF IN 3
10700 / 10178	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11000 / 10466	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 14-MAR-1974	First Sample Examined: 10760
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 12003
Well Name: B016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11070
API Well Number: 177104028900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 10760 - 12003	Water Depth: 214
Public Info Code: Y 26-MAR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10760 / 10020	DEF AT first sample examined	DEF IN 3
11250 / 10470	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12003 / 11151	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 24-APR-1974	First Sample Examined: 9940
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: B017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10995
API Well Number: 177104031700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9940 - 10755	Water Depth: 217
Public Info Code: Y 19-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9940 / 9716	DEF AT first sample examined	DEF IN 3
10650 / 10388	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10755 / 10486	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 296	Date of Summary: 03-JUN-1974	First Sample Examined: 10620
Lease Number: G02105	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: B018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10600
API Well Number: 177104034000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 10620 - 11390	Water Depth: 217
Public Info Code: Y 30-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10620 / 9912	DEF AT first sample examined	DEF IN 3
10990 / 10229	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11390 / 10572	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 298	Date of Summary: 02-SEP-1971	First Sample Examined: 920
Lease Number: G02107	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12000
API Well Number: 177104001600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 920 - 12060	Water Depth: 211
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
920 /	DEF AT first sample examined	POS IN 2
1400 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3660 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7230 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9510 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10410 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12060 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 298	Date of Summary: 25-SEP-1986	First Sample Examined: 1280
Lease Number: G02107	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177104003800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 920 - 11000	Water Depth: 211
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1280 /	DEF AT first sample examined	POS AT 2
2510 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2540 /	DEF AT sample gap top	POS AT 2
3290 /	DEF AT sample gap bottom	DEF AT 1
3410 /	DEF AT - - - - -	DEF AT 2
4040 /	DEF AT sample gap top	POS AT 2
5839 /	DEF AT sample gap bottom	DEF IN 2
5840 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
6800 /	DEF AT sample gap top	POS AT 2
8510 /	DEF AT sample gap bottom	DEF AT 4
8600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10120 /	DEF AT - - - - -	DEF IN 2
10660 /	DEF AT - - - - -	DEF AT 4
10700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 301	Date of Summary: 21-JUL-1980	First Sample Examined: 0
Lease Number: G03405	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177104087800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 06-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 4764	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7500 / 6214	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 302	Date of Summary: 23-MAR-1977	First Sample Examined: 1260
Lease Number: G03406	Source of Paleo: OPERATOR	Borehole MD: 10475
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10475
API Well Number: 177104062800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1260 - 10380	Water Depth: 232
Public Info Code: Y 02-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1260 /	DEF AT first sample examined	DEF IN 2
1860 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7200 /	DEF AT - - - - -	DEF AT 4
7950 /	DEF AT - - - - -	DEF AT 5
8490 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10380 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 305	Date of Summary: 18-DEC-1971	First Sample Examined: 965
Lease Number: G02108	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10400
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10400
API Well Number: 177104003900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 965 - 10400	Water Depth: 215
Public Info Code: Y 31-AUG-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
965 /	DEF AT first sample examined	DEF AT 1
1020 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1050 /	DEF AT local marker benthic foram increase	DEF AT 1
1170 /	DEF AT faunal change (no faunal increase)	DEF IN 1
1260 /	DEF AT local marker foram decrease	DEF AT 1
1290 /	DEF AT local marker benthic foram increase	DEF IN 2
1320 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1410 /	DEF AT local marker planktic foram increase	DEF AT 3
1500 /	DEF AT local marker foram decrease	DEF AT 2
1620 /	POS AT local marker foram increase	DEF IN 2
1740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1770 /	DEF AT faunal change (no faunal increase)	DEF IN 2
1860 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2070 /	DEF AT local marker foram decrease	DEF AT 1
2430 /	DEF AT faunal change (no faunal increase)	DEF IN 1
2460 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2700 /	DEF AT local marker foram decrease	DEF AT 1
2970 /	POS AT local marker foram increase	DEF AT 2
3000 /	DEF AT local marker foram decrease	DEF AT 1
3090 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
3180 /	DEF AT local marker foram decrease	DEF AT 1
3330 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 305	Date of Summary: 18-DEC-1971	First Sample Examined: 965
Lease Number: G02108	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10400
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10400
API Well Number: 177104003900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 965 - 10400	Water Depth: 215
Public Info Code: Y 31-AUG-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3750 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3930 /	DEF AT local marker foram decrease	DEF IN 2
4020 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
4080 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4350 /	DEF AT local marker foram decrease	DEF AT 1
5220 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5250 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 3
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5400 /	POS AT local marker foram decrease	DEF IN 2
5520 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5790 /	DEF AT local marker foram decrease	DEF IN 1
5940 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6330 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 2
6360 /	DEF AT local marker foram increase	DEF AT 3
6390 /	DEF AT local marker foram decrease	DEF AT 2
6450 /	DEF AT local marker benthic foram increase	DEF AT 3
6480 /	DEF AT local marker foram decrease	DEF AT 2
6810 /	DEF AT local marker foram increase	DEF AT 2
6840 /	DEF AT local marker foram decrease	DEF IN 1
6990 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7170 /	DEF AT faunal change (no faunal increase)	DEF IN 1
7620 /	POS AT local marker foram increase	DEF AT 2
7650 /	DEF AT faunal change (no faunal increase)	DEF IN 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 305	Date of Summary: 18-DEC-1971	First Sample Examined: 965
Lease Number: G02108	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10400
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10400
API Well Number: 177104003900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 965 - 10400	Water Depth: 215
Public Info Code: Y 31-AUG-1973	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7710 /	DEF AT local marker foram increase	DEF AT 2
7920 /	DEF AT local marker foram decrease	DEF IN 1
8010 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8730 /	DEF AT local marker foram increase	DEF AT 2
8880 /	DEF AT faunal change (no faunal increase)	DEF IN 2
9210 /	DEF AT local marker benthic foram increase	DEF AT 2
9270 /	DEF AT local marker foram decrease	DEF AT 2
9900 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
9930 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
9960 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10020 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
10260 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
10400 /	DEF AT last sample examined	DEF AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 305	Date of Summary: 25-SEP-1986	First Sample Examined: 800
Lease Number: G02108	Source of Paleo: OPERATOR	Borehole MD: 13971
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13971
API Well Number: 177104034800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 800 - 13970	Water Depth: 231
Public Info Code: Y 10-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
800 /	DEF AT first sample examined	DEF IN 1
2400 /	DEF AT -----	DEF AT 2
2600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6760 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
9800 /	DEF AT -----	DEF AT 3
10120 /	DEF AT -----	DEF AT 3
10660 /	DEF AT -----	DEF AT 3
11400 /	DEF AT -----	DEF AT 4
11830 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
13970 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 31-JAN-1972	First Sample Examined: 5880
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11000
API Well Number: 177104005200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5880 - 10990	Water Depth: 220
Public Info Code: Y 26-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5880 /	DEF AT first sample examined	DEF AT 3
6240 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8430 /	DEF AT local marker foram increase	DEF AT 3
10840 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10930 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10990 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 08-MAR-1972	First Sample Examined: 5520
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 10776
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10776
API Well Number: 177104005700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5520 - 10790	Water Depth: 230
Public Info Code: Y 07-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5520 /	DEF AT first sample examined	DEF AT 3
5521 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6460 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8630 /	DEF AT local marker benthic foram increase	DEF AT 3
10428 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
10429 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10430 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10550 /	DEF AT local marker foram decrease	DEF AT 4
10790 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 23-AUG-1972	First Sample Examined: 5481
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 10954
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10864
API Well Number: 177104010700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5481 - 10950	Water Depth: 205
Public Info Code: Y 14-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5481 /	DEF AT first sample examined	DEF IN 3
7270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10120 /	DEF AT local marker foram increase	DEF IN 3
10950 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 12-FEB-1973	First Sample Examined: 6000
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 11941
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11941
API Well Number: 177104016000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6000 - 11690	Water Depth: 217
Public Info Code: Y 10-MAR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF IN 3
6960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10875 /	DEF AT Eggerella sp. (local marker)	DEF IN 3
10995 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11055 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11690 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 13-SEP-1972	First Sample Examined: 5500
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 10236
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10236
API Well Number: 177104011800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5500 - 10220	Water Depth: 218
Public Info Code: Y 08-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5500	DEF AT first sample examined	DEF IN 3
6040 / 6040	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10190 / 10185	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
10220 / 10215	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 06-JUN-1973	First Sample Examined: 9920
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 10831
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10598
API Well Number: 177104021100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9920 - 10850	Water Depth: 225
Public Info Code: Y 26-JUN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9920 / 9737	DEF AT first sample examined	DEF IN 3
10670 / 10444	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10850 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947
 End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 30-JAN-1974	First Sample Examined: 10010
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 10744
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10603
API Well Number: 177104029000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10010 - 10770	Water Depth: 225
Public Info Code: Y 14-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 9938	DEF AT first sample examined	DEF IN 3
10350 / 10258	DEF AT - - - - -	DEF AT 4
10770 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 22-MAR-1974	First Sample Examined: 9022
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 11093
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10287
API Well Number: 177104030300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9022 - 11090	Water Depth: 218
Public Info Code: Y 21-APR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9022 / 8400	DEF AT first sample examined	DEF IN 3
11090 / 10285	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 09-MAY-1974	First Sample Examined: 9822
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 11541
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11163
API Well Number: 177104032300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9822 - 11530	Water Depth: 218
Public Info Code: Y 18-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9822 / 9521	DEF AT first sample examined	DEF AT 3
9823 / 9522	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11530 / 11147	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 306	Date of Summary: 20-DEC-1971	First Sample Examined: 3660
Lease Number: G02109	Source of Paleo: OPERATOR	Borehole MD: 8804
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8804
API Well Number: 177104000600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3660 - 8804	Water Depth: 225
Public Info Code: Y 17-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3660 /	DEF AT first sample examined	DEF AT 3
3680 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6210 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8190 /	DEF AT local marker foram increase	DEF AT 3
8804 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 307	Date of Summary: 25-SEP-1970	First Sample Examined: 2467
Lease Number: G01980	Source of Paleo: OPERATOR	Borehole MD: 9265
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9265
API Well Number: 177102003200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2467 - 9249	Water Depth: 225
Public Info Code: Y 05-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2467 /	DEF AT first sample examined	DEF AT 2
3658 /	DEF AT - - - - -	DEF AT 3
3736 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4912 /	DEF AT - - - - -	DEF AT 2
5755 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7075 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7629 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7630 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8000 /	DEF AT Bathysiphon fauna	DEF AT 5
8001 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8559 /	POS AT gouge	DEF AT 6
8560 /	POS IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 6
9249 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 307	Date of Summary: 27-JAN-1970	First Sample Examined: 2591
Lease Number: G01980	Source of Paleo: OPERATOR	Borehole MD: 7498
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7498
API Well Number: 177104000200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2591 - 7498	Water Depth: 225
Public Info Code: Y 02-FEB-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2591 /	DEF AT first sample examined	DEF AT 2
3865 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4260 /	DEF AT - - - -	DEF AT 2
7010 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7498 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 307	Date of Summary: 04-MAR-1971	First Sample Examined: 2372
Lease Number: G01980	Source of Paleo: OPERATOR	Borehole MD: 7590
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7590
API Well Number: 177104001700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2372 - 7569	Water Depth: 225
Public Info Code: Y 28-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2372 /	DEF AT first sample examined	DEF AT 2
3734 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3911 /	DEF AT - - - - -	DEF AT 2
4437 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4833 /	DEF AT - - - - -	DEF AT 2
7569 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 307	Date of Summary: 19-APR-1971	First Sample Examined: 2321
Lease Number: G01980	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7000
API Well Number: 177104002300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2321 - 7000	Water Depth: 218
Public Info Code: Y 25-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2321 /	DEF AT first sample examined	DEF AT 2
3862 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4126 /	DEF AT - - - - -	DEF AT 2
6768 /	DEF AT local marker benthic foram increase	DEF AT 3
7000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 308	Date of Summary: 09-AUG-1968	First Sample Examined: 4740
Lease Number: G00996	Source of Paleo: OPERATOR	Borehole MD: 8505
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8505
API Well Number: 177100008900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4740 - 8505	Water Depth: 182
Public Info Code: Y 30-AUG-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 /	DEF AT first sample examined	DEF AT
6480 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8505 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 308	Date of Summary: 05-SEP-1968	First Sample Examined: 3000
Lease Number: G00996	Source of Paleo: OPERATOR	Borehole MD: 8148
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8148
API Well Number: 177100008700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8130	Water Depth: 182
Public Info Code: Y 28-SEP-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
4620 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6660 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7019 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
7020 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepa / "P"	DEF AT
7860 /	DEF AT local marker benthic foram increase	DEF AT
8130 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 14-JUN-1967	First Sample Examined: 8145
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 9162
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9162
API Well Number: 177100006500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 8145 - 9162	Water Depth: 176
Public Info Code: Y 08-APR-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8145 /	DEF AT first sample examined	DEF AT 4
8146 /	DEF IN Eggerella sp. (local marker)	DEF AT 4
8331 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9162 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 29-JUL-1968	First Sample Examined: 3000
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 8186
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8186
API Well Number: 177100008400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8185	Water Depth: 176
Public Info Code: Y 18-AUG-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
5480 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6608 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6609 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6610 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7020 /	DEF AT sandstone	DEF AT
7021 /	DEF AT shell fragments	DEF AT
8185 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 23-AUG-1968	First Sample Examined: 3000
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 6872
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6872
API Well Number: 177100008500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 3000 - 6870	Water Depth: 176
Public Info Code: Y 15-SEP-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
5160 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5880 /	DEF AT drilling material	DEF AT
6870 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 25-FEB-1981	First Sample Examined: 3909
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 6872
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6872
API Well Number: 177100008500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 3909 - 8580	Water Depth: 176
Public Info Code: Y 15-SEP-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3909 /	DEF AT first sample examined	DEF IN 2
4157 /	DEF AT - - - -	DEF AT 3
5970 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7230 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7380 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8580 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 10-OCT-1972	First Sample Examined: 2100
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 7482
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7482
API Well Number: 177104012500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2100 - 7394	Water Depth: 218
Public Info Code: Y 02-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2100 /	DEF AT first sample examined	DEF AT 2
2808 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4046 /	DEF AT - - - - -	DEF AT 3
4576 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5011 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6031 /	DEF AT poor sample interval top	POS AT 3
7393 /	DEF AT poor sample interval bottom	POS AT 3
7394 /	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 04-AUG-1975	First Sample Examined: 3800
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: G001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10000
API Well Number: 177104045600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3800 - 9972	Water Depth: 227
Public Info Code: Y 20-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 /	DEF AT first sample examined	DEF AT 3
3801 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4040 /	DEF AT - - - - -	DEF AT 2
5500 /	DEF AT - - - - -	DEF AT 3
5580 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5700 /	DEF AT - - - - -	DEF AT 2
6539 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6840 /	DEF AT - - - - -	DEF AT 3
8009 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8010 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8400 /	DEF AT local marker benthic foram increase	DEF AT 5
9769 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9770 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9972 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 05-APR-1976	First Sample Examined: 5390
Lease Number: G00997	Source of Paleo: OPERATOR	Borehole MD: 7864
Well Name: G010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6012
API Well Number: 177104053000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 5390 - 7864	Water Depth: 227
Public Info Code: Y 20-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 4283	DEF AT first sample examined	DEF AT 2
5720 / 4515	DEF AT - - - - -	DEF AT 3
5750 / 4536	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6140 / 4815	DEF AT - - - - -	DEF IN 2
7864 / 6012	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 309	Date of Summary: 19-FEB-1976	First Sample Examined: 1750
Lease Number: G01981	Source of Paleo: OPERATOR	Borehole MD: 9404
Well Name: G006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7754
API Well Number: 177104051800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1750 - 9390	Water Depth: 227
Public Info Code: Y 22-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1750 / 1717	DEF AT first sample examined	DEF AT 2
2350 / 2234	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2500 / 2345	DEF AT - - - - -	DEF AT 2
5649 / 4402	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5650 / 4403	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5890 / 4594	DEF AT - - - - -	DEF AT 2
7000 / 5578	DEF AT - - - - -	DEF AT 3
7620 / 6131	DEF AT cement	POS AT 3
7770 / 6265	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8250 / 6693	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8668 / 7078	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8669 / 7079	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8670 / 7080	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9390 / 7757	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 310	Date of Summary: 16-NOV-1981	First Sample Examined: 4000
Lease Number: G03407	Source of Paleo: OPERATOR	Borehole MD: 9858
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9724
API Well Number: 177104096000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9820	Water Depth: 217
Public Info Code: Y 14-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF AT first sample examined	DEF AT 2
4900 / 4900	DEF AT - - - - -	DEF AT 3
4990 / 4990	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5379 / 5379	DEF AT glauconite	DEF AT 3
5380 / 5380	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5500 / 5500	DEF AT sample gap top	POS AT 3
5950 / 5944	DEF AT sample gap bottom	DEF AT 2
6460 / 6438	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6670 / 6642	DEF AT - - - - -	DEF AT 2
7450 / 7403	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7540 / 7491	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7930 / 7866	DEF AT - - - - -	DEF AT 3
8590 / 8504	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8650 / 8562	DEF AT cement	DEF AT 2
9549 / 9427	DEF AT Bathysiphon fauna	DEF AT 3
9550 / 9428	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9820 / 9685	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 310	Date of Summary: 17-FEB-1982	First Sample Examined: 4700
Lease Number: G03407	Source of Paleo: OPERATOR	Borehole MD: 10176
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10172
API Well Number: 177104097000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 4700 - 10160	Water Depth: 210
Public Info Code: Y 14-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4700 /	DEF AT first sample examined	DEF AT 2
5510 /	DEF AT -----	DEF AT 3
5660 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5720 /	DEF AT -----	DEF AT 2
6200 /	DEF AT -----	DEF AT 3
6770 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6890 /	DEF AT -----	DEF AT 2
7370 /	DEF AT -----	DEF AT 3
7820 /	DEF AT -----	DEF AT 2
8450 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8510 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8600 /	DEF AT -----	DEF AT 3
9020 /	DEF AT -----	DEF AT 4
9290 /	DEF AT -----	DEF AT 3
10160 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 311	Date of Summary: 01-SEP-1978	First Sample Examined: 950
Lease Number: G03408	Source of Paleo: OPERATOR	Borehole MD: 13225
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12864
API Well Number: 177104074100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 950 - 13220	Water Depth: 227
Public Info Code: Y 16-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
950 / 950	DEF AT first sample examined	DEF AT 1
951 / 951	DEF IN cement	DEF AT 1
1190 / 1190	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1790 / 1790	DEF AT faunal change (no faunal increase)	DEF AT 1
2450 / 2450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2570 / 2570	DEF AT faunal change (no faunal increase)	DEF AT 1
2990 / 2990	DEF AT local marker foram increase	DEF AT 2
3110 / 3110	DEF AT local marker foram decrease	DEF AT 1
3770 / 3770	DEF AT faunal change (no faunal increase)	DEF AT 2
3830 / 3830	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3950 / 3950	DEF AT shell fragments	DEF AT 2
4550 / 4550	DEF AT cement	POS AT 2
4850 / 4850	DEF AT faunal change (no faunal increase)	DEF AT 1
5750 / 5750	DEF AT faunal change (no faunal increase)	DEF AT 2
5960 / 5960	DEF AT faunal change (no faunal increase)	DEF AT 1
6170 / 6170	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
6800 / 6800	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6890 / 6890	DEF AT local marker foram decrease	DEF AT 1
8269 / 8221	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8270 / 8222	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
8360 / 8306	DEF AT Cyclamina sp. (local marker)	DEF AT 2
9380 / 9256	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 311	Date of Summary: 01-SEP-1978	First Sample Examined: 950
Lease Number: G03408	Source of Paleo: OPERATOR	Borehole MD: 13225
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12864
API Well Number: 177104074100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 950 - 13220	Water Depth: 227
Public Info Code: Y 16-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10670 / 10459	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
11420 / 11162	DEF AT poor sample interval top	DEF AT 2
12320 / 12011	DEF AT local marker foram increase	DEF AT 2
12380 / 12067	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
13100 / 12746	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
13219 / 12859	DEF AT poor sample interval bottom	DEF AT 2
13220 / 12860	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 311	Date of Summary: 30-SEP-1982	First Sample Examined: 4560
Lease Number: G03408	Source of Paleo: OPERATOR	Borehole MD: 13993
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13768
API Well Number: 177104098100	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 4560 - 13970	Water Depth: 214
Public Info Code: Y 16-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4560	DEF AT first sample examined	DEF IN 2
6990 / 6990	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
7050 / 7050	DEF AT faunal change (no faunal increase)	DEF AT 3
7920 / 7920	DEF AT pyrite	DEF AT 3
9509 / 9477	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9510 / 9478	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9810 / 9765	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13970 / 13746	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 01-OCT-1974	First Sample Examined: 5520
Lease Number: G02608	Source of Paleo: OPERATOR	Borehole MD: 10634
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10617
API Well Number: 177104037700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 5520 - 10550	Water Depth: 240
Public Info Code: Y 26-OCT-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5520 / 5515	DEF AT first sample examined	DEF AT
6060 / 6054	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
6510 / 6502	DEF AT local marker floral decrease	DEF AT
10080 / 10066	POS AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10369 / 10354	DEF AT local marker floral increase	DEF AT
10370 / 10355	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10371 / 10356	POS AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
10550 / 10534	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 03-OCT-1974	First Sample Examined: 5700
Lease Number: G02608	Source of Paleo: OPERATOR	Borehole MD: 10634
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10617
API Well Number: 177104037700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 480 - 10634	Water Depth: 240
Public Info Code: Y 26-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5695	DEF AT first sample examined	DEF AT 1
5760 / 5755	DEF AT -----	DEF AT 2
6000 / 5994	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6270 / 6263	DEF AT -----	DEF AT 2
6630 / 6622	DEF AT -----	DEF AT 1
6810 / 6801	DEF AT -----	DEF AT 2
7020 / 7010	DEF AT -----	DEF AT 1
7440 / 7428	DEF AT -----	DEF AT 2
7800 / 7786	DEF AT local marker benthic foram increase	DEF AT 3
7890 / 7876	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7990 / 7975	DEF AT -----	DEF AT 2
8230 / 8226	DEF AT -----	DEF AT 1
8530 / 8524	DEF AT -----	DEF AT 2
8710 / 8703	DEF AT -----	DEF AT 1
8860 / 8852	DEF AT -----	DEF AT 2
8890 / 8882	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
9110 / 9100	POS AT Eggerella sp. (local marker)	DEF AT 2
9220 / 9210	DEF AT Bathysiphon fauna	DEF AT 3
9487 / 9475	DEF AT local marker planktic foram increase	DEF AT 3
9787 / 9774	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
10057 / 10043	DEF AT local marker foram increase	DEF AT 3
10342 / 10327	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 03-OCT-1974	First Sample Examined: 5700
Lease Number: G02608	Source of Paleo: OPERATOR	Borehole MD: 10634
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10617
API Well Number: 177104037700	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 480 - 10634	Water Depth: 240
Public Info Code: Y 26-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10429 / 10413	POS AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
10430 / 10414	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10531 / 10515	DEF AT salt	DEF AT 4
10634 / 10617	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 08-MAR-1977	First Sample Examined: 1780
Lease Number: G02608	Source of Paleo: OPERATOR	Borehole MD: 12505
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10595
API Well Number: 177104060200	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 1780 - 4180	Water Depth: 227
Public Info Code: Y 20-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1780 / 1780	DEF AT first sample examined	DEF AT 1
2020 / 2020	POS IN local marker foram increase	DEF AT 1
2230 / 2230	DEF AT -----	DEF AT 2
2350 / 2350	DEF AT -----	DEF AT 1
2500 / 2500	DEF AT -----	DEF AT 2
2800 / 2798	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2950 / 2946	DEF AT -----	DEF AT 1
3130 / 3121	DEF AT -----	DEF AT 2
3550 / 3507	DEF AT -----	DEF AT 1
3790 / 3722	DEF AT -----	DEF AT 2
3910 / 3827	DEF AT -----	DEF AT 1
4180 / 4057	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 08-MAR-1977	First Sample Examined: 4060
Lease Number: G02608	Source of Paleo: OPERATOR	Borehole MD: 12505
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10595
API Well Number: 177104060200	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 4060 - 12505	Water Depth: 227
Public Info Code: Y 20-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 3957	DEF AT first sample examined	DEF AT 1
4300 / 4155	DEF AT -----	DEF AT 2
4360 / 4203	DEF AT cement	POS AT 2
4583 / 4375	DEF AT -----	DEF AT 2
5363 / 4998	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
5993 / 5521	DEF AT -----	DEF AT 1
6593 / 6001	DEF AT -----	DEF AT 2
7763 / 6955	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
8213 / 7327	DEF AT -----	DEF AT 3
8453 / 7521	DEF AT -----	DEF AT 2
9499 / 8334	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
9500 / 8334	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
10430 / 9058	DEF AT -----	DEF AT 1
10610 / 9195	DEF AT local marker foram increase	DEF AT 2
11719 / 10020	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
11720 / 10021	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
12505 / 10596	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 17-MAR-1977	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9270
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 8967
API Well Number: 177104058800	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 19-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2690 / 2585	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6150 / 5848	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
8030 / 7727	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 313	Date of Summary: 06-MAY-1977	First Sample Examined: 0
Lease Number: G02608	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9170
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 8923
API Well Number: 177104063100	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 240
Public Info Code: Y 19-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2790 / 2730	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4350 / 4224	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
6300 / 6103	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
8150 / 7907	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 17-NOV-1970	First Sample Examined: 4400
Lease Number: G01981	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10000
API Well Number: 177102003800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4400 - 10000	Water Depth: 232
Public Info Code: Y 28-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 /	DEF AT first sample examined	DEF AT 3
4401 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5192 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5367 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
8720 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9030 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9811 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 29-MAR-1971	First Sample Examined: 2155
Lease Number: G01981	Source of Paleo: OPERATOR	Borehole MD: 5942
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5942
API Well Number: 177104001100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2155 - 5942	Water Depth: 232
Public Info Code: Y 14-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2155 /	DEF AT first sample examined	DEF AT
2156 /	DEF IN cement	DEF AT
2463 /	DEF AT - - - - -	DEF AT 2
2810 /	DEF AT local marker (general)	DEF AT 2
3339 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3513 /	DEF AT - - - - -	DEF AT 2
4081 /	DEF AT - - - - -	DEF AT 3
5577 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5942 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 11-JUN-1971	First Sample Examined: 2157
Lease Number: G01981	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9500
API Well Number: 177104003100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2157 - 9500	Water Depth: 232
Public Info Code: Y 01-JUL-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2157 /	DEF AT first sample examined	DEF AT 2
3690 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5046 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5588 /	DEF AT cement	POS AT 3
5988 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8264 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9105 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9500 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 06-OCT-1972	First Sample Examined: 4990
Lease Number: G01981	Source of Paleo: OPERATOR	Borehole MD: 7982
Well Name: F002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6206
API Well Number: 177104006100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 4990 - 7980	Water Depth: 231
Public Info Code: Y 31-MAR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4165	DEF AT first sample examined	DEF AT 2
4991 / 4166	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5200 / 4309	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5980 / 4846	DEF AT sample gap top	DEF AT
7392 / 5826	DEF AT sample gap bottom	DEF AT
7393 / 5827	DEF AT poor sample interval top	DEF AT
7979 / 6227	DEF AT poor sample interval bottom	DEF AT
7980 / 6228	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 20-OCT-1988	First Sample Examined: 2730
Lease Number: G02111	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177104004900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2730 - 9500	Water Depth: 239
Public Info Code: Y 28-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2730 /	DEF AT first sample examined	DEF AT 2
2731 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3570 /	DEF AT -----	DEF AT 3
5790 /	DEF AT -----	DEF AT 2
5970 /	DEF AT -----	DEF AT 3
6150 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6810 /	DEF AT -----	DEF AT 3
7750 /	DEF AT -----	DEF AT 2
8170 /	DEF AT -----	DEF AT 4
9010 /	DEF AT -----	DEF AT 3
9460 /	DEF AT -----	DEF AT 4
9500 /	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 20-OCT-1988	First Sample Examined: 2940
Lease Number: G02111	Source of Paleo: OPERATOR	Borehole MD: 8941
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 8941
API Well Number: 177104012900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 2940 - 8945	Water Depth: 230
Public Info Code: Y 19-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2940 /	DEF AT first sample examined	DEF AT 2
3240 /	DEF AT -----	DEF AT 3
3270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4200 /	DEF AT -----	DEF AT 2
5010 /	DEF AT -----	DEF AT 4
5070 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5250 /	DEF AT -----	DEF AT 3
5850 /	DEF AT -----	DEF AT 4
6570 /	DEF AT -----	DEF AT 3
7020 /	DEF AT -----	DEF AT 4
7650 /	DEF AT -----	DEF AT 3
7890 /	DEF AT -----	DEF AT 4
7980 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8640 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8945 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 314	Date of Summary: 20-OCT-1988	First Sample Examined: 6300
Lease Number: G02111	Source of Paleo: OPERATOR	Borehole MD: 12220
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11992
API Well Number: 177104021700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6300 - 12200	Water Depth: 235
Public Info Code: Y 01-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6300 / 6092	DEF AT first sample examined	DEF AT
6330 / 6122	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9090 / 8878	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9149 / 8937	DEF AT Cyclammina sp. (local marker)	DEF AT
9150 / 8938	DEF AT Cyclammina cancellata (local marker)	DEF AT
9300 / 9088	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9480 / 9268	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
9780 / 9568	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11370 / 11157	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11371 / 11158	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
12200 / 11974	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 315	Date of Summary: 06-OCT-1972	First Sample Examined: 1972
Lease Number: G01982	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6500
API Well Number: 177104012200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1972 - 6500	Water Depth: 232
Public Info Code: Y 30-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1972 /	DEF AT first sample examined	DEF AT 2
3508 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 317	Date of Summary: 29-JUL-1975	First Sample Examined: 4000
Lease Number: G02906	Source of Paleo: OPERATOR	Borehole MD: 7813
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7813
API Well Number: 177104047100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4000 - 7770	Water Depth: 213
Public Info Code: Y 22-OCT-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3998	DEF AT first sample examined	DEF AT 3
4001 / 3999	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7350 / 7346	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7770 / 7766	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 317	Date of Summary: 26-AUG-1975	First Sample Examined: 4560
Lease Number: G02906	Source of Paleo: OPERATOR	Borehole MD: 10238
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10238
API Well Number: 177104047800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4560 - 10238	Water Depth: 213
Public Info Code: Y 22-OCT-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4560	DEF AT first sample examined	DEF AT 3
4561 / 4561	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7320 / 7319	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10238 / 10236	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 319	Date of Summary: 25-SEP-1986	First Sample Examined: 6700
Lease Number: G02908	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177104082400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1090 - 12000	Water Depth: 230
Public Info Code: Y 25-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6700	DEF AT first sample examined	DEF AT 3
7280 / 7280	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9350 / 9348	DEF AT - - - - -	DEF AT 4
9710 / 9708	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11400 / 11396	DEF AT - - - - -	DEF AT 5
11990 / 11985	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12000 / 11995	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 320	Date of Summary: 20-AUG-1974	First Sample Examined: 1200
Lease Number: G02609	Source of Paleo: OPERATOR	Borehole MD: 10974
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10974
API Well Number: 177104037200	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10950	Water Depth: 250
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 / 1200	DEF AT first sample examined	DEF IN 3
2400 / 2400	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6520 / 6520	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
8980 / 8979	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10800 / 10798	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10889 / 10887	DEF AT calcite	DEF AT
10890 / 10888	POS AT gouge	DEF AT
10950 / 10948	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 320	Date of Summary: 16-SEP-1974	First Sample Examined: 9034
Lease Number: G02609	Source of Paleo: OPERATOR	Borehole MD: 11249
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10870
API Well Number: 177104037201	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9034 - 11249	Water Depth: 250
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9034 / 9033	DEF AT first sample examined	DEF AT 3
9035 / 9034	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
11240 / 10865	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11249 / 10870	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 20-NOV-1975	First Sample Examined: 2000
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 9205
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9205
API Well Number: 177104049200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9207	Water Depth: 250
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: 8240=weak Ammobaculites fauna

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF IN 3
2690 / 2690	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4460 / 4460	DEF AT - - - - -	DEF AT 4
5270 / 5270	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6170 / 6169	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8240 / 8239	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9207 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 13-FEB-1979	First Sample Examined: 0
Lease Number: G02610	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7220
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7220
API Well Number: 177104076800	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2660 / 2660	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3675 / 3674	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6375 / 6373	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Area Block: EI 321	Date of Summary: 29-NOV-1982	First Sample Examined: 4500
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 10793
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9742
API Well Number: 177104100400	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 102
Paleo Report Num: 1 of 3	Sample Range: 4500 - 8940	Water Depth: 246
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4426	DEF AT first sample examined	DEF IN 3
4800 / 4687	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
5670 / 5431	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
6570 / 6192	DEF AT sample gap top	POS IN 3
7080 / 6629	DEF AT sample gap bottom	DEF IN 3
7530 / 7018	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
8580 / 7917	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8940 / 8220	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 29-NOV-1982	First Sample Examined: 7900
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 10793
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9742
API Well Number: 177104100400	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 102
Paleo Report Num: 2 of 3	Sample Range: 7900 - 8200	Water Depth: 246
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7339	DEF AT first sample examined	DEF IN 3
7901 / 7339	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF IN 3
8200 / 7596	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 29-NOV-1982	First Sample Examined: 6719
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 10793
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9742
API Well Number: 177104100400	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 102
Paleo Report Num: 3 of 3	Sample Range: 6719 - 10770	Water Depth: 246
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
6719 / 6318	DEF AT first sample examined	DEF IN 3
7560 / 7044	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
9030 / 8296	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
9150 / 8396	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 3
9240 / 8471	DEF AT local marker deep water fauna	DEF AT 4
9540 / 8719	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
9930 / 9042	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 4
9960 / 9067	DEF AT local marker deep water fauna	DEF AT 5
10050 / 9142	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10470 / 9489	DEF AT pyrite	DEF AT 5
10770 / 9735	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 13-MAY-1980	First Sample Examined: 4980
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 9961
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7850
API Well Number: 177104085400	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4980 - 9960	Water Depth: 246
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4980 / 4446	DEF AT first sample examined	DEF IN 2
5160 / 4574	DEF AT local marker benthic foram increase	DEF AT 3
5400 / 4745	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5640 / 4914	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6630 / 5612	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6870 / 5778	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
9960 / 7849	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 02-JUN-1980	First Sample Examined: 4100
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 7185
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5670
API Well Number: 177104085900	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4100 - 7186	Water Depth: 246
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4100 / 3562	DEF AT first sample examined	DEF AT 3
4101 / 3563	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5810 / 4746	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6200 / 4987	DEF AT poor sample interval top	DEF AT
6830 / 5423	DEF AT poor sample interval bottom	DEF AT
6980 / 5528	DEF AT poor sample interval top	DEF AT
7185 / 5669	DEF AT poor sample interval bottom	DEF AT
7186 / 5670	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 07-AUG-1980	First Sample Examined: 5500
Lease Number: G02610	Source of Paleo: OPERATOR	Borehole MD: 10410
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8254
API Well Number: 177104086000	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 5500 - 10450	Water Depth: 246
Public Info Code: Y 28-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5304	DEF AT first sample examined	DEF IN 3
5560 / 5347	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5620 / 5387	DEF AT local marker deep water fauna	DEF AT 4
5800 / 5502	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6010 / 5620	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
7720 / 6605	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9759 / 7857	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
9760 / 7858	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9970 / 7988	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
10120 / 8080	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
10300 / 8189	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10450 / 8278	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 321	Date of Summary: 09-DEC-1980	First Sample Examined: 4150
Lease Number: G03406	Source of Paleo: OPERATOR	Borehole MD: 8397
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6607
API Well Number: 177104086100	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4150 - 8397	Water Depth: 232
Public Info Code: Y 02-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 3623	DEF AT first sample examined	DEF IN 3
4210 / 3662	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4690 / 3968	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4810 / 4046	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
6910 / 5521	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
7930 / 6264	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8397 / 6605	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 322	Date of Summary: 21-SEP-1972	First Sample Examined: 7182
Lease Number: G02113	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7652
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 7652
API Well Number: 177104005800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 7182 - 7652	Water Depth: 257
Public Info Code: Y 04-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7182 / 7181	DEF AT first sample examined	DEF IN 2
7183 / 7182	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 2
7218 / 7217	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2
7307 / 7306	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
7308 / 7307	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
7652 / 7651	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 322	Date of Summary: 27-SEP-1972	First Sample Examined: 950
Lease Number: G02113	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 10000
API Well Number: 177104007700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 950 - 10000	Water Depth: 240
Public Info Code: Y 28-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
950 / 950	DEF AT first sample examined	DEF IN 1
951 / 951	POS IN Holocene recent fauna	DEF IN 1
2360 / 2360	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
2848 / 2848	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3157 / 3157	DEF AT pyrite	DEF AT 2
3158 / 3158	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3356 / 3356	DEF AT local marker benthic foram increase	DEF AT 2
3443 / 3443	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4813 / 4813	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
4988 / 4988	DEF AT local marker foram decrease	DEF AT 3
5031 / 5031	DEF AT faunal change (no faunal increase)	DEF AT 2
5340 / 5340	DEF AT siltstone	DEF AT 2
5561 / 5561	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6043 / 6043	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisca (acme "B")	DEF IN 2
6440 / 6440	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
7469 / 7469	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
8882 / 8882	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
8945 / 8945	DEF AT Arenaceous fauna (local marker)	DEF IN 2
9000 / 9000	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
9083 / 9083	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9238 / 9238	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
9303 / 9303	DEF AT faunal change (no faunal increase)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 322	Date of Summary: 27-SEP-1972	First Sample Examined: 950
Lease Number: G02113	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 10000
API Well Number: 177104007700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 950 - 10000	Water Depth: 240
Public Info Code: Y 28-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9396 / 9396	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
9521 / 9521	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
9617 / 9617	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9680 / 9680	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9772 / 9772	DEF AT faunal change (no faunal increase)	DEF IN 4
10000 / 10000	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 323	Date of Summary: 11-JUL-1978	First Sample Examined: 1280
Lease Number: G02114	Source of Paleo: OPERATOR	Borehole MD: 7750
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7750
API Well Number: 177104073700	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 1280 - 7750	Water Depth: 263
Public Info Code: Y 08-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1280 / 1280	DEF AT first sample examined	DEF AT
1281 / 1281	DEF IN cement	DEF AT
1370 / 1370	DEF AT - - - - -	DEF AT 2
1670 / 1670	DEF AT local marker planktic foram increase	DEF AT 4
1790 / 1790	DEF AT - - - - -	DEF AT 2
2330 / 2330	DEF AT local marker foram increase	DEF AT 3
2450 / 2450	DEF AT - - - - -	DEF AT 2
2870 / 2870	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4010 / 4010	DEF AT - - - - -	DEF AT 4
4130 / 4130	DEF AT - - - - -	DEF AT 3
5000 / 5000	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5100 / 5100	DEF AT - - - - -	DEF AT 4
5300 / 5300	DEF AT - - - - -	DEF AT 2
5720 / 5720	DEF AT - - - - -	DEF AT 5
5870 / 5870	DEF AT - - - - -	DEF AT 3
6075 / 6075	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6170 / 6170	DEF AT - - - - -	DEF AT 3
6340 / 6340	DEF AT - - - - -	DEF AT 2
6620 / 6620	DEF AT - - - - -	DEF AT 3
7070 / 7070	DEF AT - - - - -	DEF AT 2
7510 / 7510	DEF AT - - - - -	DEF AT 4
7750 / 7750	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 21-OCT-1975	First Sample Examined: 0
Lease Number: G02910	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7272
API Well Number: 177104049100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 263
Public Info Code: Y 20-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1520 / 1520	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2570 / 2570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6880 / 6871	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7060 / 7050	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 14-NOV-1975	First Sample Examined: 4320
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 7271
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6684
API Well Number: 177104049101	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 4320 - 7290	Water Depth: 263
Public Info Code: Y 09-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 4320	DEF AT first sample examined	DEF IN 3
5250 / 5219	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7290 / 6684	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 08-APR-1976	First Sample Examined: 1040
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 10615
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10601
API Well Number: 177104052900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 40
Paleo Report Num: 1 of 2	Sample Range: 1040 - 10616	Water Depth: 259
Public Info Code: Y 01-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 / 1040	DEF AT first sample examined	DEF AT 4
1580 / 1580	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2870 / 2870	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7980 / 7978	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10230 / 10218	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10231 / 10219	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10616 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 09-APR-1976	First Sample Examined: 1040
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 10615
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10601
API Well Number: 177104052900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 40
Paleo Report Num: 2 of 2	Sample Range: 1040 - 10615	Water Depth: 259
Public Info Code: Y 01-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1040	DEF AT first sample examined	DEF AT 2
1550 / 1550	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1640 / 1640	DEF AT - - - - -	DEF AT 2
2750 / 2750	DEF AT - - - - -	DEF AT 3
2840 / 2840	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3330 / 3329	DEF AT - - - - -	DEF AT 2
4050 / 4049	DEF AT cement	DEF AT 2
4650 / 4649	DEF AT - - - - -	DEF AT 3
5010 / 5009	DEF AT - - - - -	DEF AT 2
5730 / 5729	DEF AT - - - - -	DEF AT 3
5790 / 5789	DEF AT local marker benthic foram increase	DEF AT 4
6240 / 6239	DEF AT - - - - -	DEF AT 3
7950 / 7948	DEF AT local marker foram increase	DEF AT 4
8010 / 8008	DEF AT cement	POS AT 4
8190 / 8187	DEF AT - - - - -	DEF AT 2
10140 / 10128	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10320 / 10307	DEF AT sand	DEF AT 4
10615 / 10601	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 14-MAY-1976	First Sample Examined: 1075
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 6325
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6324
API Well Number: 177104053100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 40
Paleo Report Num: 1 of 2	Sample Range: 1075 - 6230	Water Depth: 258
Public Info Code: Y 12-JUN-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1075 / 1075	DEF AT first sample examined	DEF AT
1076 / 1076	DEF AT cement	DEF AT
1180 / 1180	DEF AT - - - - -	DEF AT 2
1549 / 1549	DEF AT - - - - -	DEF AT 3
1550 / 1550	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2930 / 2930	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3860 / 3860	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4010 / 4010	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5570 / 5569	DEF AT local marker deep water fauna	DEF AT 4
6200 / 6199	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 4
6230 / 6229	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 25-MAY-1976	First Sample Examined: 1075
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 6325
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6324
API Well Number: 177104053100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 40
Paleo Report Num: 2 of 2	Sample Range: 1075 - 6230	Water Depth: 258
Public Info Code: Y 12-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1075 / 1075	DEF AT first sample examined	DEF IN 2
1460 / 1460	DEF AT - - - - -	DEF AT 3
1580 / 1580	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2060 / 2060	DEF AT - - - - -	DEF AT 3
2840 / 2840	DEF AT - - - - -	DEF AT 4
2930 / 2930	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5959 / 5958	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
5960 / 5959	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6230 / 6229	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 20-DEC-1976	First Sample Examined: 3620
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 6775
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6512
API Well Number: 177104060000	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 3620 - 6770	Water Depth: 262
Public Info Code: Y 08-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3620 / 3556	DEF AT first sample examined	DEF AT
3621 / 3557	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4460 / 4338	DEF AT sample gap top	DEF AT
5090 / 4928	DEF AT sample gap bottom	DEF AT
5960 / 5746	DEF AT - - - - -	DEF AT 4
6770 / 6507	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 26-JAN-1977	First Sample Examined: 3980
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11909
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11636
API Well Number: 177104061300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 3980 - 11900	Water Depth: 262
Public Info Code: Y 19-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3735	DEF AT first sample examined	DEF AT 3
3981 / 3736	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6020 / 5755	DEF AT - - - - -	DEF AT 4
8060 / 7794	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11449 / 11179	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11450 / 11180	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
11600 / 11329	DEF AT - - - - -	DEF AT 5
11900 / 11628	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 01-FEB-1977	First Sample Examined: 3980
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11909
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11636
API Well Number: 177104061300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 3980 - 11900	Water Depth: 262
Public Info Code: Y 19-FEB-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3735	DEF AT first sample examined	DEF AT 3
3981 / 3736	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5150 / 4886	DEF AT cement	POS AT 3
5810 / 5545	DEF AT - - - - -	DEF AT 3
5990 / 5725	DEF AT - - - - -	DEF AT 4
6170 / 5905	DEF AT - - - - -	DEF AT 3
6980 / 6715	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
7160 / 6895	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7310 / 7045	DEF AT - - - - -	DEF AT 3
8210 / 7944	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 4
8330 / 8064	DEF AT - - - - -	DEF AT 3
8840 / 8574	DEF AT - - - - -	DEF AT 2
9470 / 9204	DEF AT gray shale	DEF AT 3
10150 / 9883	DEF AT - - - - -	DEF AT 2
10610 / 10343	DEF AT poor sample interval top	DEF AT 3
11449 / 11179	DEF AT poor sample interval bottom	DEF AT 3
11450 / 11180	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11568 / 11298	POS AT gouge	DEF AT 6
11569 / 11299	DEF AT local marker deep water fauna	DEF AT 6
11570 / 11300	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 6
11900 / 11628	DEF AT last sample examined	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 02-MAY-1977	First Sample Examined: 2500
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 13943
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12190
API Well Number: 177104062300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 3	Sample Range: 2500 - 13940	Water Depth: 262
Public Info Code: Y 28-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2335	DEF AT first sample examined	DEF AT 3
3630 / 3119	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4680 / 3841	DEF AT - - - - -	DEF AT 4
7170 / 5576	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
12349 / 10570	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12350 / 10571	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
13850 / 12070	DEF AT anhydrite	DEF AT 4
13851 / 12071	POS AT salt	DEF AT 4
13940 / 12159	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 16-JUN-1977	First Sample Examined: 2500
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 13943
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12190
API Well Number: 177104062300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 2 of 3	Sample Range: 2500 - 6540	Water Depth: 262
Public Info Code: Y 28-MAY-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2500 / 2335	DEF AT first sample examined	DEF AT 3
2920 / 2627	DEF AT - - - - -	DEF AT 2
3630 / 3119	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4890 / 3991	DEF AT cement	POS AT 3
6540 / 5114	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 16-JUN-1977	First Sample Examined: 4900
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 13943
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12190
API Well Number: 177104062300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 3 of 3	Sample Range: 4900 - 13940	Water Depth: 262
Public Info Code: Y 28-MAY-1987	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
4900 / 3998	DEF AT first sample examined	DEF AT 2
6220 / 4888	DEF AT - - - - -	DEF AT 3
6660 / 5197	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7050 / 5483	DEF AT local marker foram increase	DEF AT 4
7500 / 5843	DEF AT - - - - -	DEF AT 3
9240 / 7468	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9390 / 7616	DEF AT - - - - -	DEF AT 3
12300 / 10521	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12320 / 10541	DEF AT - - - - -	DEF AT 4
12530 / 10751	DEF AT - - - - -	DEF AT 3
13610 / 11830	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13880 / 12099	DEF AT gypsum	DEF AT 5
13881 / 12100	POS AT salt	DEF AT 5
13940 / 12159	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 24-JUN-1977	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 10275
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10003
API Well Number: 177104064900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 5000 - 10275	Water Depth: 262
Public Info Code: Y 20-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4888	DEF AT first sample examined	DEF AT 3
5001 / 4889	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5690 / 5541	DEF AT - - - - -	DEF AT 4
6530 / 6349	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9709 / 9439	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9710 / 9440	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
10275 / 10001	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 28-JUN-1977	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 10275
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10003
API Well Number: 177104064900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 5000 - 10275	Water Depth: 262
Public Info Code: Y 20-JUL-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4888	DEF AT first sample examined	DEF AT 3
5001 / 4889	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5690 / 5541	DEF AT local marker benthic foram increase	DEF AT 3
5810 / 5656	DEF AT - - - - -	DEF AT 2
6500 / 6320	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6650 / 6465	DEF AT - - - - -	DEF AT 3
7110 / 6904	DEF AT sample gap top	POS AT 3
7700 / 7463	DEF AT sample gap bottom	DEF AT 2
9710 / 9440	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
10070 / 9797	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
10130 / 9857	DEF AT local marker foram decrease	DEF AT 5
10275 / 10001	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 22-AUG-1977	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11814
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11008
API Well Number: 177104066200	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 5000 - 11810	Water Depth: 262
Public Info Code: Y 13-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4321	DEF AT first sample examined	DEF AT 3
5001 / 4322	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6500 / 5732	DEF AT - - - -	DEF AT 4
7400 / 6624	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10729 / 9945	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10730 / 9946	POS IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
11810 / 11005	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 01-SEP-1977	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11814
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11008
API Well Number: 177104066200	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 5000 - 11819	Water Depth: 262
Public Info Code: Y 13-OCT-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4321	DEF AT first sample examined	DEF AT 2
5001 / 4322	DEF AT cement	DEF AT 2
6500 / 5732	DEF AT local marker deep water fauna	DEF AT 4
6650 / 5880	DEF AT - - - - -	DEF AT 3
6830 / 6058	DEF AT cement	POS AT 3
7310 / 6535	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7520 / 6744	DEF AT - - - - -	DEF AT 3
11060 / 10276	DEF AT cement	DEF AT 4
11061 / 10277	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11739 / 10938	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11819 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 14-DEC-1977	First Sample Examined: 4990
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 7300
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6622
API Well Number: 177104067700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4990 - 7300	Water Depth: 262
Public Info Code: Y 26-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4990 / 4397	DEF AT first sample examined	DEF AT 2
5410 / 4776	DEF AT - - - - -	DEF AT 3
5710 / 5058	DEF AT - - - - -	DEF AT 2
6310 / 5646	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
7180 / 6511	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7300 / 6631	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 20-DEC-1977	First Sample Examined: 4990
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 7300
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6622
API Well Number: 177104067700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 4990 - 7300	Water Depth: 262
Public Info Code: Y 26-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4397	DEF AT first sample examined	DEF AT 3
4991 / 4398	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6400 / 5735	DEF AT - - - -	DEF AT 4
7300 / 6631	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 01-NOV-1977	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11117
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9559
API Well Number: 177104068500	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 1 of 4	Sample Range: 5000 - 8000	Water Depth: 262
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4152	DEF AT first sample examined	DEF AT 3
5001 / 4152	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7550 / 6118	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
8000 / 6515	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 01-NOV-1977	First Sample Examined: 6680
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11117
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9559
API Well Number: 177104068500	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 2 of 4	Sample Range: 6680 - 11090	Water Depth: 262
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
6680 / 5441	DEF AT first sample examined	DEF IN 3
7190 / 5836	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
7940 / 6460	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
8030 / 6543	DEF AT - - - - -	DEF AT 5
8150 / 6655	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8450 / 6938	DEF AT Eggerella sp. (local marker)	DEF AT 5
8510 / 6995	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8570 / 7053	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9590 / 8038	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
10100 / 8544	DEF AT Bathysiphon fauna	DEF AT 5
10310 / 8754	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11090 / 9533	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 16-NOV-1977	First Sample Examined: 5000
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11117
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9559
API Well Number: 177104068500	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 3 of 4	Sample Range: 5000 - 8000	Water Depth: 262
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4152	DEF AT first sample examined	DEF AT 3
5480 / 4514	DEF AT cement	DEF AT 2
7970 / 6487	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 327	Date of Summary: 16-NOV-1977	First Sample Examined: 6650
Lease Number: G02910	Source of Paleo: OPERATOR	Borehole MD: 11117
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9559
API Well Number: 177104068500	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 102
Paleo Report Num: 4 of 4	Sample Range: 6650 - 11090	Water Depth: 262
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
6650 / 5417	DEF AT first sample examined	DEF AT 2
6651 / 5418	DEF AT poor sample interval top	DEF AT 2
7939 / 6459	DEF AT poor sample interval bottom	DEF AT 2
7940 / 6460	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
8600 / 7081	DEF AT - - - - -	DEF AT 3
9590 / 8038	DEF AT - - - - -	DEF AT 4
9740 / 8186	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10220 / 8664	DEF AT poor sample interval top	DEF AT 3
11059 / 9502	DEF AT poor sample interval bottom	DEF AT 3
11090 / 9533	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 329	Date of Summary: 01-APR-1976	First Sample Examined: 1178
Lease Number: G02912	Source of Paleo: OPERATOR	Borehole MD: 8839
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8839
API Well Number: 177104051500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1178 - 8840	Water Depth: 240
Public Info Code: Y 25-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1178 /	DEF AT first sample examined	DEF IN 2
1410 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2170 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5800 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6070 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6520 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7360 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8630 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8690 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8840 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 08-MAR-1971	First Sample Examined: 910
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 6301
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6301
API Well Number: 177104000900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 910 - 6301	Water Depth: 244
Public Info Code: Y 29-MAR-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
910 /	DEF AT first sample examined	DEF AT 2
1540 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2110 /	DEF AT Illinoian fauna (local marker)	DEF AT 2
3860 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6200 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6301 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 29-AUG-1971	First Sample Examined: 910
Lease Number: G02115	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6301
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 6301
API Well Number: 177104000900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 910 - 6301	Water Depth: 244
Public Info Code: Y 29-MAR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
910 /	DEF AT first sample examined	DEF AT 1
940 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1000 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1240 /	DEF AT sample gap top	POS AT 1
1299 /	DEF AT sample gap bottom	DEF AT 2
1300 /	POS AT local marker benthic foram increase	DEF AT 2
1390 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1480 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1540 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1600 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1870 /	DEF AT local marker benthic foram increase	DEF IN 2
1900 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1960 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2260 /	DEF AT local marker foram decrease	DEF AT 1
2440 /	DEF AT faunal change (no faunal increase)	DEF IN 1
2500 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2620 /	DEF AT local marker benthic foram increase	DEF AT 2
2680 /	POS AT local marker foram decrease	DEF AT 2
3860 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4010 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4100 /	POS AT local marker foram decrease	DEF IN 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 29-AUG-1971	First Sample Examined: 910
Lease Number: G02115	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6301
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 6301
API Well Number: 177104000900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 910 - 6301	Water Depth: 244
Public Info Code: Y 29-MAR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 /	DEF AT local marker benthic foram increase	DEF AT 3
4190 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4250 /	DEF AT local marker foram decrease	DEF IN 2
4550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5029 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5030 /	DEF AT local marker benthic foram increase	DEF AT 2
5090 /	DEF AT local marker foram decrease	DEF AT 2
5630 /	DEF AT local marker benthic foram increase	DEF AT 3
5660 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5780 /	DEF AT faunal change (no faunal increase)	DEF IN 2
5930 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6050 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6170 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6300 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6301 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 29-MAR-1971	First Sample Examined: 1235
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 7681
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7681
API Well Number: 177104001000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1235 - 7680	Water Depth: 246
Public Info Code: Y 21-APR-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1235 /	DEF AT first sample examined	DEF IN 2
4048 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4690 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6400 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6730 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7620 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7680 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 20-APR-1971	First Sample Examined: 3350
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6500
API Well Number: 177104002700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3350 - 6500	Water Depth: 244
Public Info Code: Y 16-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 3350	DEF AT first sample examined	POS AT 3
3500 / 3500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5720 / 5720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6170 / 6169	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6270 / 6269	DEF AT foram flood	DEF AT 4
6320 / 6319	DEF AT local marker deep water fauna	DEF AT 5
6500 / 6499	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 04-OCT-1971	First Sample Examined: 3975
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 7996
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7996
API Well Number: 177104003200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3975 - 7996	Water Depth: 246
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3975 /	DEF AT first sample examined	DEF IN 3
3976 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4780 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
5830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6190 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7390 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7996 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 31-JUL-1972	First Sample Examined: 3500
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 5298
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5298
API Well Number: 177104009800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3500 - 5270	Water Depth: 240
Public Info Code: Y 23-AUG-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	POS AT 3
3501 /	DEF IN cement	POS AT 3
3680 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5270 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 18-SEP-1972	First Sample Examined: 3750
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 6893
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6893
API Well Number: 177104011900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3750 - 6893	Water Depth: 250
Public Info Code: Y 17-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3750 /	DEF AT first sample examined	POS AT 3
3751 /	DEF AT cement	POS AT 3
3959 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3960 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4020 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4440 /	DEF AT local marker foram decrease	DEF AT 3
4860 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5880 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6480 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6830 /	DEF AT local marker foram increase	DEF AT 5
6893 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 27-DEC-1971	First Sample Examined: 3100
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 6954
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5954
API Well Number: 177104004200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3100 - 6940	Water Depth: 244
Public Info Code: Y 16-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 2833	DEF AT first sample examined	DEF IN 3
4240 / 3734	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6940 / 5944	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 23-FEB-1972	First Sample Examined: 3650
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9049
API Well Number: 177104005300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 3650 - 9450	Water Depth: 244
Public Info Code: Y 09-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3650 / 3548	DEF AT first sample examined	DEF IN 3
4160 / 4030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6830 / 6543	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9320 / 8919	DEF AT - - - - -	DEF AT 4
9450 / 9047	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

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Area Block: EI 330	Date of Summary: 20-MAR-1972	First Sample Examined: 3500
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9344
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8485
API Well Number: 177104006000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9350	Water Depth: 244
Public Info Code: Y 15-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3416	DEF AT first sample examined	DEF IN 3
4070 / 3923	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6410 / 5945	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8510 / 7740	DEF AT - - - - -	DEF AT 4
9350 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 12-MAY-1972	First Sample Examined: 3380
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 7800
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7492
API Well Number: 177104007300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3380 - 7790	Water Depth: 244
Public Info Code: Y 30-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3380 / 3352	DEF AT first sample examined	POS AT 3
3381 / 3353	DEF AT cement	POS AT 3
3980 / 3922	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6530 / 6343	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7610 / 7329	DEF AT - - - - -	DEF AT 4
7790 / 7489	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

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Area Block: EI 330	Date of Summary: 20-JUL-1972	First Sample Examined: 6010
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8411
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7786
API Well Number: 177104009400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 6010 - 8410	Water Depth: 244
Public Info Code: Y 13-AUG-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 / 5473	DEF AT first sample examined	DEF IN 3
6970 / 6390	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7630 / 7024	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8410 / 7785	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 30-AUG-1972	First Sample Examined: 8000
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9087
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8445
API Well Number: 177104010800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 8000 - 9080	Water Depth: 244
Public Info Code: Y 23-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7444	DEF AT first sample examined	DEF IN 3
8001 / 7445	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9080 / 8443	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 09-AUG-1973	First Sample Examined: 7794
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8714
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7296
API Well Number: 177104022800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7794 - 8808	Water Depth: 243
Public Info Code: Y 22-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7794 / 6541	DEF AT first sample examined	DEF AT
8808 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

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Area Block: EI 330	Date of Summary: 26-OCT-1973	First Sample Examined: 5510
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8261
Well Name: A016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6533
API Well Number: 177104026100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 5510 - 8240	Water Depth: 243
Public Info Code: Y 18-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 4465	DEF AT first sample examined	DEF IN 3
6141 / 4931	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8090 / 6412	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8240 / 6527	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 23-FEB-1972	First Sample Examined: 3500
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8769
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7119
API Well Number: 177104004300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2860 - 8766	Water Depth: 248
Public Info Code: Y 19-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3120	DEF AT first sample examined	DEF IN 2
4400 / 3775	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5960 / 4936	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6800 / 5566	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7100 / 5793	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7520 / 6113	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
8620 / 6995	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8766 / 7114	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 24-APR-1972	First Sample Examined: 4000
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 10211
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8948
API Well Number: 177104004400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4000 - 10210	Water Depth: 248
Public Info Code: Y 15-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3637	DEF AT first sample examined	DEF IN 3
7300 / 6365	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10210 / 8949	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 10-MAY-1973	First Sample Examined: 8010
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9330
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7926
API Well Number: 177104008000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 8010 - 9330	Water Depth: 244
Public Info Code: Y 22-JUN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 6969	DEF AT first sample examined	DEF IN 3
8520 / 7379	DEF AT - - - - -	DEF AT 4
9330 / 7926	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 10-MAY-1973	First Sample Examined: 8960
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9465
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8686
API Well Number: 177104008700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 8960 - 9467	Water Depth: 248
Public Info Code: Y 30-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8960 / 8214	DEF AT first sample examined	DEF AT 3
8961 / 8215	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9467 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 10-MAY-1973	First Sample Examined: 8640
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9128
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8223
API Well Number: 177104011600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8640 - 9120	Water Depth: 248
Public Info Code: Y 14-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8640 / 7811	DEF AT first sample examined	DEF IN 3
9120 / 8288	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 27-AUG-1973	First Sample Examined: 7520
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 11334
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11334
API Well Number: 177104023700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7520 - 11310	Water Depth: 248
Public Info Code: Y 22-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7520 /	DEF AT first sample examined	DEF AT 3
7521 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9360 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10650 /	DEF AT - - - - -	DEF AT 5
11010 /	POS AT gouge	DEF AT 6
11310 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 09-AUG-1973	First Sample Examined: 3870
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 10173
Well Name: C004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9067
API Well Number: 177104012700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3870 - 9013	Water Depth: 248
Public Info Code: Y 02-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3599	DEF AT first sample examined	DEF IN 3
4590 / 4195	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
5100 / 4621	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
6810 / 6117	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7170 / 6423	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8350 / 7456	DEF AT local marker deep water fauna	DEF AT 5
9013 / 8045	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 11-MAY-1973	First Sample Examined: 8259
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: C008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7914
API Well Number: 177104015000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8259 - 8808	Water Depth: 247
Public Info Code: Y 17-FEB-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8259 / 7216	DEF AT first sample examined	DEF IN 3
8808 / 7612	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 11-MAY-1973	First Sample Examined: 8060
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 8285
Well Name: C009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7458
API Well Number: 177104017000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8060 - 8540	Water Depth: 247
Public Info Code: Y 22-MAR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8060 / 7260	DEF AT first sample examined	DEF IN 3
8540 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 330	Date of Summary: 28-SEP-1973	First Sample Examined: 7010
Lease Number: G02115	Source of Paleo: OPERATOR	Borehole MD: 9727
Well Name: C011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7812
API Well Number: 177104025700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7010 - 9740	Water Depth: 247
Public Info Code: Y 24-OCT-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 / 5801	DEF AT first sample examined	DEF IN 3
7220 / 5963	DEF AT local marker deep water fauna	DEF AT 4
8450 / 6880	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8960 / 7255	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
9110 / 7365	DEF AT local marker foram decrease	DEF AT 4
9650 / 7754	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9740 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 331	Date of Summary: 23-JUN-1971	First Sample Examined: 620
Lease Number: G02116	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11098
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11098
API Well Number: 177104001800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 620 - 11090	Water Depth: 246
Public Info Code: Y 17-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
620 / 620	DEF AT first sample examined	POS AT 2
621 / 621	DEF AT cement	POS AT 2
740 / 740	DEF AT faunal change (no faunal increase)	DEF AT 2
1400 / 1400	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3858 / 3858	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6216 / 6216	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7380 / 7379	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
9670 / 9665	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11090 / 11077	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 331	Date of Summary: 09-AUG-1988	First Sample Examined: 726
Lease Number: G02116	Source of Paleo: OPERATOR	Borehole MD: 9066
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9066
API Well Number: 177104001300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 726 - 9060	Water Depth: 240
Public Info Code: Y 13-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
726 / 726	DEF AT first sample examined	POS AT 2
2552 / 2552	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4505 / 4505	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6680 / 6679	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8600 / 8598	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
9060 / 9058	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 332	Date of Summary: 01-DEC-1987	First Sample Examined: 8010
Lease Number: G02613	Source of Paleo: OPERATOR	Borehole MD: 12600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12600
API Well Number: 177104066600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 600 - 12600	Water Depth: 240
Public Info Code: Y 03-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8010 / 8009	DEF AT first sample examined	DEF AT
8100 / 8099	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8370 / 8369	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10085 / 10082	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10170 / 10167	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
10529 / 10526	DEF AT Cyclamina sp. (local marker)	DEF AT
10530 / 10527	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12600 / 12596	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 333	Date of Summary: 02-OCT-1973	First Sample Examined: 1150
Lease Number: G02317	Source of Paleo: OPERATOR	Borehole MD: 13292
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13292
API Well Number: 177104019500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13300	Water Depth: 235
Public Info Code: Y 14-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 /	DEF AT first sample examined	DEF AT 1
1280 /	DEF AT glauconite	DEF AT 2
1370 /	DEF AT pyrite	DEF AT 2
1460 /	DEF AT local marker foram decrease	DEF AT 3
1510 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1570 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1700 /	DEF AT pyrite	DEF AT 3
1930 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2170 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2860 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3040 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3050 /	DEF AT cement	POS AT 3
3340 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3470 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3902 /	DEF AT local marker foram decrease	DEF AT 3
3988 /	DEF AT local marker benthic foram increase	DEF AT 3
4110 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4464 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
4650 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4770 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4808 /	DEF AT pyrite	DEF AT 3
5280 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 333	Date of Summary: 02-OCT-1973	First Sample Examined: 1150
Lease Number: G02317	Source of Paleo: OPERATOR	Borehole MD: 13292
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13292
API Well Number: 177104019500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13300	Water Depth: 235
Public Info Code: Y 14-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5682 /	DEF AT pyrite	DEF AT 3
6000 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6060 /	DEF AT local marker foram increase	DEF AT 3
6171 /	DEF AT local marker benthic foram increase	DEF AT 3
6480 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6620 /	DEF AT pyrite	DEF AT 4
6710 /	DEF AT local marker foram decrease	DEF AT 3
7769 /	DEF AT pyrite	DEF AT 3
7770 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8170 /	DEF AT local marker foram increase	DEF AT 2
8490 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8730 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9090 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9190 /	DEF AT pyrite	DEF AT 3
9330 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9730 /	DEF AT sample gap top	DEF AT
9899 /	DEF AT sample gap bottom	DEF AT
9900 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9930 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10050 /	DEF AT local marker benthic foram increase	DEF AT 2
10320 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10680 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11070 /	DEF AT faunal change (no faunal increase)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 333	Date of Summary: 02-OCT-1973	First Sample Examined: 1150
Lease Number: G02317	Source of Paleo: OPERATOR	Borehole MD: 13292
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13292
API Well Number: 177104019500	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1150 - 13300	Water Depth: 235
Public Info Code: Y 14-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11130 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11970 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 2
12090 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12360 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12870 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
13020 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
13080 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
13300 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 333	Date of Summary: 24-AUG-1973	First Sample Examined: 519
Lease Number: G02317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 12000
API Well Number: 177104017800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 519 - 10020	Water Depth: 231
Public Info Code: Y 14-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
519 / 519	DEF AT first sample examined	DEF IN 2
520 / 520	DEF AT Holocene recent fauna	DEF IN 2
720 / 720	POS AT Wisconsin fauna (local marker)	DEF AT 3
930 / 930	POS AT local marker foram decrease	DEF IN 2
960 / 960	DEF AT faunal change (no faunal increase)	DEF AT 2
1500 / 1500	DEF AT local marker benthic foram increase	DEF AT 2
1530 / 1530	DEF AT local marker planktic foram increase	DEF IN 2
1590 / 1590	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
1619 / 1619	POS AT reworked material	DEF IN 2
1620 / 1620	DEF AT local marker foram decrease	DEF IN 2
1740 / 1740	DEF AT faunal change (no faunal increase)	DEF AT 2
2040 / 2040	DEF AT local marker foram decrease	DEF IN 1
2160 / 2160	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2280 / 2280	DEF AT faunal change (no faunal increase)	DEF IN 1
2580 / 2580	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2700 / 2700	DEF AT local marker foram decrease	DEF IN 1
3600 / 3600	DEF AT local marker benthic foram increase	DEF AT 2
3780 / 3780	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3840 / 3840	DEF AT local marker benthic foram increase	DEF AT 2
3870 / 3870	DEF AT local marker foram decrease	DEF AT 2
4020 / 4020	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4140 / 4140	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 333	Date of Summary: 24-AUG-1973	First Sample Examined: 519
Lease Number: G02317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 12000
API Well Number: 177104017800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 519 - 10020	Water Depth: 231
Public Info Code: Y 14-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
4230 / 4230	DEF AT local marker foram decrease	DEF AT 2
4980 / 4979	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5100 / 5099	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
5220 / 5219	DEF AT local marker foram decrease	DEF AT 2
5250 / 5249	DEF AT local marker benthic foram increase	DEF AT 2
5550 / 5549	DEF AT siltstone	DEF AT 2
5640 / 5639	DEF AT gray shale	DEF AT 2
5760 / 5759	DEF AT local marker benthic foram increase	DEF AT 2
5790 / 5789	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5850 / 5849	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5940 / 5939	DEF AT pyrite	DEF IN 2
6180 / 6179	DEF AT local marker foram decrease	DEF AT 2
7260 / 7259	POS AT local marker benthic foram increase	DEF AT 2
7860 / 7858	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
9180 / 9178	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9240 / 9238	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9270 / 9268	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
9300 / 9298	DEF AT cement	POS AT 3
9600 / 9596	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
9690 / 9685	DEF AT pyrite	DEF AT 2
10020 / 10011	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 333	Date of Summary: 29-AUG-1973	First Sample Examined: 9510
Lease Number: G02317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 12000
API Well Number: 177104017800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 9510 - 12000	Water Depth: 231
Public Info Code: Y 14-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
9510 / 9507	DEF AT first sample examined	POS AT 2
9511 / 9507	DEF AT cement	POS AT 2
10139 / 10128	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10140 / 10129	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10470 / 10454	DEF AT local marker foram decrease	DEF IN 2
10590 / 10572	DEF AT siltstone	DEF AT 2
11580 / 11552	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11700 / 11669	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11730 / 11698	DEF AT faunal change (no faunal increase)	DEF AT 3
11970 / 11928	DEF AT local marker foram decrease	DEF AT 3
12000 / 11957	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 337	Date of Summary: 10-MAR-1977	First Sample Examined: 1000
Lease Number: G03332	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11000
API Well Number: 177104060100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 1000 - 11000	Water Depth: 265
Public Info Code: Y 05-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
1960 / 1960	DEF AT - - - - -	DEF AT 3
3480 / 3480	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5240 / 5240	DEF AT - - - - -	DEF AT 4
5780 / 5780	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7160 / 7160	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8240 / 8239	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9590 / 9588	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10790 / 10787	DEF AT - - - - -	DEF AT 5
11000 / 10996	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 337	Date of Summary: 03-OCT-1977	First Sample Examined: 1060
Lease Number: G03332	Source of Paleo: OPERATOR	Borehole MD: 13372
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13001
API Well Number: 177104065800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 2	Sample Range: 1060 - 9680	Water Depth: 264
Public Info Code: Y 24-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1060 / 1060	DEF AT first sample examined	DEF AT 3
1420 / 1420	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3520 / 3520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6580 / 6580	DEF AT - - - - -	DEF AT 4
8260 / 8206	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8979 / 8871	POS AT reworked material	DEF AT 4
8980 / 8872	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9400 / 9265	DEF AT - - - - -	DEF AT 5
9680 / 9528	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 337	Date of Summary: 03-OCT-1977	First Sample Examined: 9040
Lease Number: G03332	Source of Paleo: OPERATOR	Borehole MD: 13372
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13001
API Well Number: 177104065800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 2 of 2	Sample Range: 9040 - 13360	Water Depth: 264
Public Info Code: Y 24-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9040 / 8928	DEF AT first sample examined	POS AT 5
9340 / 9208	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 5
9460 / 9321	DEF AT - - - -	DEF AT 5
11890 / 11605	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13360 / 12990	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 337	Date of Summary: 14-MAY-1976	First Sample Examined: 1060
Lease Number: G03332	Source of Paleo: OPERATOR	Borehole MD: 10800
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10432
API Well Number: 177104054000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1060 - 10790	Water Depth: 265
Public Info Code: Y 05-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1060	DEF AT first sample examined	DEF IN 2
1480 / 1480	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2440 / 2440	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4500 / 4500	DEF AT - - - - -	DEF AT 4
7050 / 7049	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7760 / 7755	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9200 / 9075	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9860 / 9653	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10790 / 10424	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 338	Date of Summary: 03-JAN-1972	First Sample Examined: 980
Lease Number: G02118	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8790
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 8790
API Well Number: 177104002800	Drilling Operator: TEXACO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 980 - 8790	Water Depth: 259
Public Info Code: Y 15-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
980 /	DEF AT first sample examined	DEF IN 2
1030 /	DEF AT local marker planktic foram increase	DEF IN 2
1540 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1570 /	DEF AT faunal change (no faunal increase)	DEF IN 2
1600 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1660 /	DEF AT local marker foram decrease	DEF IN 2
1750 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1990 /	DEF AT local marker foram increase	DEF IN 2
2350 /	DEF AT local marker benthic foram increase	DEF AT 2
2380 /	DEF AT local marker foram decrease	DEF AT 1
2680 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3220 /	DEF AT local marker benthic foram increase	DEF AT 2
3490 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3520 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3580 /	DEF AT cement	POS AT 2
4090 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4630 /	POS AT local marker foram decrease	DEF IN 2
4720 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5560 /	POS AT local marker foram decrease	DEF IN 2
5800 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6100 /	DEF AT local marker benthic foram increase	DEF AT 2
6430 /	DEF AT local marker foram increase	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 338	Date of Summary: 03-JAN-1972	First Sample Examined: 980
Lease Number: G02118	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8790
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 8790
API Well Number: 177104002800	Drilling Operator: TEXACO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 980 - 8790	Water Depth: 259
Public Info Code: Y 15-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6730 /	DEF AT local marker benthic foram increase	DEF AT 2
6940 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
7210 /	DEF AT local marker foram increase	DEF AT 3
7290 /	DEF AT local marker foram decrease	DEF AT 3
7450 /	DEF AT local marker benthic foram increase	DEF AT 2
7900 /	DEF AT local marker foram increase	DEF AT 3
7960 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
8460 /	POS AT local marker foram decrease	DEF IN 2
8790 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 339	Date of Summary: 18-DEC-1992	First Sample Examined: 0
Lease Number: G02118	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7665
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 6700
API Well Number: 177104027300	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 28-MAR-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6030 / 5370	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
6460 / 5720	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 339	Date of Summary: 31-AUG-1973	First Sample Examined: 0
Lease Number: G02318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 177104018400	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 268
Public Info Code: Y 13-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2235 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4168 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 339	Date of Summary: 22-AUG-1974	First Sample Examined: 2850
Lease Number: G02318	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6940
Well Name: B001	Paleo Done By: LEE LATTA	Borehole TVD: 6940
API Well Number: 177104024900	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 2850 - 6940	Water Depth: 269
Public Info Code: Y 23-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2850 /	DEF AT first sample examined	POS AT 1
2851 /	DEF AT cement	POS AT 1
3150 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3750 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4050 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5519 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5520 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5990 /	DEF AT cement	POS AT 4
6830 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6920 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6940 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 340	Date of Summary: 03-AUG-1985	First Sample Examined: 0
Lease Number: G02913	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9681
API Well Number: 177104050900	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2660 / 2660	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5340 / 5340	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
7640 / 7639	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
9400 / 9390	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 342	Date of Summary: 12-AUG-1973	First Sample Examined: 970
Lease Number: G02319	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14363
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14363
API Well Number: 177104018300	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 970 - 14390	Water Depth: 287
Public Info Code: Y 12-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
970 /	DEF AT first sample examined	DEF AT 2
971 /	POS IN Wisconsin fauna (local marker)	DEF AT 2
1090 /	DEF AT local marker planktic foram increase	DEF IN 2
1120 /	DEF AT local marker foram decrease	DEF AT 2
1270 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1330 /	DEF AT sample gap top	DEF AT 2
1480 /	DEF AT sample gap bottom	DEF IN 1
1630 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1840 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1959 /	DEF AT pyrite	DEF AT 2
1960 /	DEF AT local marker benthic foram increase	DEF AT 2
1990 /	POS AT faunal change (no faunal increase)	DEF IN 2
2050 /	DEF AT local marker foram decrease	DEF AT 2
2080 /	DEF AT faunal change (no faunal increase)	DEF IN 1
2350 /	POS AT local marker foram increase	DEF AT 2
2530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2560 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
2650 /	DEF AT local marker foram decrease	DEF AT 2
2770 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2890 /	DEF AT local marker foram decrease	DEF IN 1
3460 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
3490 /	DEF AT faunal change (no faunal increase)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 342	Date of Summary: 12-AUG-1973	First Sample Examined: 970
Lease Number: G02319	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14363
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14363
API Well Number: 177104018300	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 970 - 14390	Water Depth: 287
Public Info Code: Y 12-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
3520 /	DEF AT local marker foram decrease	DEF IN 2
3550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3820 /	DEF AT local marker foram increase	DEF AT 2
4240 /	DEF AT local marker foram decrease	DEF AT 2
5440 /	DEF AT local marker foram increase	DEF AT 3
5560 /	DEF AT local marker foram decrease	DEF AT 3
6189 /	DEF AT siltstone	DEF AT 2
6190 /	DEF AT local marker benthic foram increase	DEF AT 2
6580 /	DEF AT local marker foram increase	DEF IN 2
6730 /	DEF AT local marker foram decrease	DEF AT 2
7570 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 3
7630 /	DEF AT pyrite	DEF AT 3
7840 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
8200 /	DEF AT local marker foram decrease	DEF AT 2
8480 /	DEF AT local marker benthic foram increase	DEF AT 2
9059 /	POS AT Arenaceous fauna (local marker)	DEF AT 3
9060 /	DEF IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
9780 /	DEF AT local marker benthic foram increase	DEF IN 2
9840 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10000 /	DEF AT local marker foram decrease	DEF AT 2
11000 /	DEF AT local marker benthic foram increase	DEF IN 2
11660 /	POS AT local marker foram increase	DEF AT 3
11840 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
11870 /	DEF AT local marker foram decrease	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 342	Date of Summary: 12-AUG-1973	First Sample Examined: 970
Lease Number: G02319	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14363
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14363
API Well Number: 177104018300	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 970 - 14390	Water Depth: 287
Public Info Code: Y 12-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11900 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
11930 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12620 /	DEF AT local marker benthic foram increase	DEF IN 2
12650 /	DEF AT cement	POS IN 2
13039 /	DEF AT Bathysiphon fauna	DEF AT 3
13040 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
13070 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13100 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13340 /	POS AT local marker foram decrease	DEF AT 3
13482 /	DEF AT Bathysiphon fauna	DEF IN 3
13520 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13549 /	DEF AT pyrite	DEF IN 3
13550 /	DEF AT faunal change (no faunal increase)	DEF IN 3
13580 /	DEF AT local marker benthic foram increase	DEF IN 3
13640 /	DEF AT Eggerella sp. (local marker)	DEF IN 3
13910 /	DEF AT local marker foram increase	DEF IN 3
13940 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
13969 /	DEF AT local marker benthic foram increase	DEF AT 4
13970 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14090 /	DEF AT local marker foram decrease	DEF IN 3
14120 /	DEF AT local marker foram decrease	DEF AT 3
14360 /	DEF AT Bathysiphon fauna	DEF AT 3
14390 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 343	Date of Summary: 14-SEP-1973	First Sample Examined: 1020
Lease Number: G02320	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12358
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12358
API Well Number: 177104018900	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 1020 - 8160	Water Depth: 284
Public Info Code: Y 15-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1020 /	DEF AT first sample examined	POS AT 2
1140 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1410 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1920 /	DEF AT local marker planktic foram increase	DEF IN 2
1980 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2010 /	DEF AT local marker foram decrease	DEF AT 2
2040 /	DEF AT local marker benthic foram increase	DEF AT 2
2430 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2850 /	DEF AT local marker benthic foram increase	DEF AT 2
2910 /	DEF AT local marker foram decrease	DEF AT 2
3630 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
3720 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 2
3750 /	POS AT local marker foram increase	DEF IN 2
3810 /	POS AT local marker foram decrease	DEF AT 2
5280 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	POS AT 3
5370 /	POS AT local marker foram decrease	DEF AT 2
5599 /	DEF AT poor sample interval top	POS AT 3
5600 /	DEF AT cement	POS AT 3
7380 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 3
8159 /	DEF AT poor sample interval bottom	DEF AT 3
8160 /	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 343	Date of Summary: 24-SEP-1973	First Sample Examined: 5760
Lease Number: G02320	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12358
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12358
API Well Number: 177104018900	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 5760 - 12358	Water Depth: 284
Public Info Code: Y 15-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 /	DEF AT first sample examined	POS AT 2
5761 /	DEF AT cement	POS AT 2
7080 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
7350 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
8190 /	DEF AT local marker foram decrease	DEF AT 2
8879 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
8880 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
9330 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9360 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9390 /	DEF AT local marker foram decrease	DEF IN 2
9600 /	DEF AT cement	POS AT 2
9990 /	DEF AT local marker benthic foram increase	DEF AT 2
11549 /	DEF AT siltstone	DEF IN 2
11550 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11580 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11610 /	DEF AT local marker foram decrease	DEF AT 3
11730 /	DEF AT local marker foram increase	DEF IN 2
11760 /	DEF AT Bathysiphon fauna	DEF AT 3
11790 /	DEF AT local marker foram decrease	DEF AT 3
12090 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
12300 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
12358 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 20-SEP-1977	First Sample Examined: 0
Lease Number: G03333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10010
API Well Number: 177104062600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 281
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1890 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
4220 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7610 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9200 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 05-DEC-1977	First Sample Examined: 0
Lease Number: G03333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10216
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10216
API Well Number: 177104062700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 294
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1830 / 1829	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3390 / 3388	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5160 / 5158	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7440 / 7437	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9130 / 9127	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10090 / 10083	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 16-NOV-1978	First Sample Examined: 0
Lease Number: G03333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177104067800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 290
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1980 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5310 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 05-DEC-1977	First Sample Examined: 0
Lease Number: G03333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9552
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9550
API Well Number: 177104067900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 291
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1550 / 1550	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3290 / 3290	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5180 / 5179	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8000 / 7998	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9500 / 9498	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 15-SEP-1980	First Sample Examined: 1000
Lease Number: G03333	Source of Paleo: OPERATOR	Borehole MD: 5200
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5200
API Well Number: 177104087600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5200	Water Depth: 300
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
1510 / 1510	DEF AT faunal change (no faunal increase)	DEF AT 3
1840 / 1840	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1990 / 1990	DEF AT faunal change (no faunal increase)	DEF AT 3
3550 / 3550	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5200 / 5200	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 06-DEC-1978	First Sample Examined: 0
Lease Number: G03333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5500
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5500
API Well Number: 177104075900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1840 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3530 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 22-JUL-1980	First Sample Examined: 0
Lease Number: G03333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5255
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 5200
API Well Number: 177104088400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 300
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 / 1893	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3580 / 3527	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 25-JUN-1980	First Sample Examined: 1030
Lease Number: G03333	Source of Paleo: OPERATOR	Borehole MD: 5752
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5208
API Well Number: 177104087700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1030 - 5740	Water Depth: 309
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1030	DEF AT first sample examined	DEF IN 2
1870 / 1859	DEF AT - - - - -	DEF AT 3
1990 / 1975	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2590 / 2537	DEF AT - - - - -	DEF AT 3
3670 / 3466	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5380 / 4891	DEF AT - - - - -	DEF AT 4
5740 / 5198	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 345	Date of Summary: 23-SEP-1980	First Sample Examined: 2680
Lease Number: G03333	Source of Paleo: OPERATOR	Borehole MD: 5338
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5184
API Well Number: 177104087601	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2680 - 5338	Water Depth: 300
Public Info Code: Y 17-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2680 / 2679	DEF AT first sample examined	DEF IN 3
4660 / 4516	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5338 / 5184	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 346	Date of Summary: 14-FEB-1977	First Sample Examined: 1130
Lease Number: G03334	Source of Paleo: OPERATOR	Borehole MD: 5600
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5035
API Well Number: 177104061500	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 1130 - 5770	Water Depth: 295
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 / 1130	DEF AT first sample examined	DEF AT 2
1490 / 1489	DEF AT faunal change (no faunal increase)	DEF AT 3
1550 / 1548	DEF AT faunal change (no faunal increase)	DEF AT 2
1970 / 1952	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2050 / 2027	DEF AT faunal change (no faunal increase)	DEF AT 3
2750 / 2632	DEF AT local marker foram increase	DEF AT 4
3020 / 2858	DEF AT faunal change (no faunal increase)	DEF AT 3
4220 / 3858	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5770 /	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1987

Area Block: EI 346	Date of Summary: 15-FEB-1977	First Sample Examined: 1130
Lease Number: G03334	Source of Paleo: OPERATOR	Borehole MD: 5600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5035
API Well Number: 177104061500	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1130 - 5770	Water Depth: 295
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 / 1130	DEF AT first sample examined	DEF IN 2
1970 / 1952	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2420 / 2356	DEF AT faunal change (no faunal increase)	DEF AT 3
4690 / 4257	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5770 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 346	Date of Summary: 08-FEB-1978	First Sample Examined: 1500
Lease Number: G03334	Source of Paleo: OPERATOR	Borehole MD: 8169
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8169
API Well Number: 177104070100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1500 - 8167	Water Depth: 295
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF IN 2
1890 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2040 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5190 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5460 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7230 /	DEF AT sample gap top	POS AT 5
7950 /	DEF AT sample gap bottom	POS AT 5
8167 /	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 346	Date of Summary: 05-APR-1978	First Sample Examined: 630
Lease Number: G03334	Source of Paleo: OPERATOR	Borehole MD: 10005
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10005
API Well Number: 177104071300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 630 - 10005	Water Depth: 295
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
630 /	DEF AT first sample examined	DEF IN 2
810 /	DEF AT - - - - -	DEF AT 3
1860 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1950 /	DEF AT - - - - -	DEF AT 3
3630 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3720 /	DEF AT sample gap top	POS AT 3
4440 /	DEF AT sample gap bottom	DEF AT 3
5520 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8670 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10005 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 346	Date of Summary: 23-MAR-1981	First Sample Examined: 4170
Lease Number: G03334	Source of Paleo: OPERATOR	Borehole MD: 6449
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5518
API Well Number: 177104091000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4170 - 6440	Water Depth: 295
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 3634	DEF AT first sample examined	DEF AT 3
4171 / 3635	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4290 / 3717	DEF AT faunal change (no faunal increase)	DEF AT 2
5510 / 4708	DEF AT faunal change (no faunal increase)	DEF AT 3
6290 / 5377	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6440 / 5511	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 346	Date of Summary: 24-JUN-1981	First Sample Examined: 4700
Lease Number: G03334	Source of Paleo: OPERATOR	Borehole MD: 10114
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10108
API Well Number: 177104094500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 4700 - 10100	Water Depth: 295
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 / 4700	DEF AT first sample examined	DEF AT 3
5210 / 5209	DEF AT local marker benthic foram increase	DEF AT 4
5450 / 5449	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5720 / 5719	DEF AT faunal change (no faunal increase)	DEF AT 3
7690 / 7689	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8050 / 8049	DEF AT faunal change (no faunal increase)	DEF AT 4
9080 / 9076	DEF AT faunal change (no faunal increase)	DEF AT 3
10100 / 10094	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 348	Date of Summary: 28-DEC-1973	First Sample Examined: 1022
Lease Number: G02321	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13313
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13313
API Well Number: 177104020500	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1022 - 13313	Water Depth: 306
Public Info Code: Y 25-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1022 /	DEF AT first sample examined	DEF AT 3
1712 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2072 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2600 /	DEF AT cement	POS IN 2
2920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4600 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5159 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5280 /	DEF AT pyrite	DEF AT 3
8114 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10717 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10718 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
11210 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
13166 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	POS AT 4
13313 /	DEF AT last sample examined	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 349	Date of Summary: 28-AUG-1977	First Sample Examined: 1015
Lease Number: G02322	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10854
Well Name: 005	Paleo Done By: LEE LATTA	Borehole TVD: 10854
API Well Number: 177104043200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1015 - 10840	Water Depth: 318
Public Info Code: Y 19-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1015 / 1015	DEF AT first sample examined	POS AT 2
1016 / 1016	DEF AT cement	POS AT 2
1640 / 1640	DEF AT faunal change (no faunal increase)	DEF AT 2
1790 / 1790	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2300 / 2300	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2330 / 2330	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2900 / 2900	DEF AT cement	POS AT 3
2990 / 2990	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4370 / 4370	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5810 / 5810	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
7160 / 7160	DEF AT faunal change (no faunal increase)	DEF AT 4
8450 / 8448	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
9590 / 9585	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9940 / 9934	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10060 / 10054	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10160 / 10154	DEF AT local marker planktic foram increase	DEF AT 5
10190 / 10184	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10280 / 10274	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
10840 / 10834	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 349	Date of Summary: 12-JUL-1976	First Sample Examined: 5070
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 12400
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12355
API Well Number: 177104041301	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5070 - 10620	Water Depth: 296
Public Info Code: Y 06-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5070 / 5069	DEF AT first sample examined	DEF AT 2
5550 / 5544	DEF AT - - - - -	DEF AT 3
8340 / 8303	DEF AT - - - - -	DEF AT 4
10620 / 10578	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 349	Date of Summary: 01-DEC-1975	First Sample Examined: 4690
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 12161
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10531
API Well Number: 177104047300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4690 - 12160	Water Depth: 296
Public Info Code: Y 05-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4690 / 3609	DEF AT first sample examined	DEF IN 3
4691 / 3610	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6910 / 5315	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7930 / 6315	DEF AT - - - - -	DEF AT 4
11800 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12160 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 349	Date of Summary: 28-SEP-1976	First Sample Examined: 5300
Lease Number: G02322	Source of Paleo: OPERATOR	Borehole MD: 9216
Well Name: A023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6589
API Well Number: 177104053600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5300 - 9190	Water Depth: 296
Public Info Code: Y 29-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4080	DEF AT first sample examined	DEF IN 3
5301 / 4081	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7540 / 5541	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
9190 / 6572	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 351	Date of Summary: 31-MAY-1977	First Sample Examined: 1160
Lease Number: G03409	Source of Paleo: OPERATOR	Borehole MD: 12045
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12032
API Well Number: 177104063400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 2	Sample Range: 1160 - 5800	Water Depth: 298
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1160 / 1160	DEF AT first sample examined	DEF IN 2
1700 / 1700	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3640 / 3638	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5800 / 5798	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 351	Date of Summary: 31-MAY-1977	First Sample Examined: 5680
Lease Number: G03409	Source of Paleo: OPERATOR	Borehole MD: 12045
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12032
API Well Number: 177104063400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 2 of 2	Sample Range: 5680 - 12030	Water Depth: 298
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5680 / 5678	DEF AT first sample examined	DEF AT 3
5710 / 5708	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5950 / 5948	DEF AT sample gap top	POS AT 3
6790 / 6787	DEF AT sample gap bottom	DEF AT 3
6940 / 6937	DEF AT local marker deep water fauna	DEF IN 4
7120 / 7117	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7270 / 7267	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
7330 / 7327	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
7690 / 7686	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8530 / 8524	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
8620 / 8613	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9069 / 9061	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
9070 / 9062	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9340 / 9332	POS AT transported shelf fauna	POS AT 5
10240 / 10230	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11259 / 11248	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
11260 / 11249	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12030 / 12018	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 351	Date of Summary: 16-SEP-1978	First Sample Examined: 0
Lease Number: G03409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12015
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11979
API Well Number: 177104068900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3520 / 3520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7900 / 7894	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8800 / 8788	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11890 / 11855	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Area Block: EI 351	Date of Summary: 16-MAR-1983	First Sample Examined: 0
Lease Number: G03409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10595
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10551
API Well Number: 177104098701	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4810 / 4807	DEF AT - - - - -	DEF AT 3
5670 / 5641	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7080 / 7037	DEF AT - - - - -	DEF AT 4
8310 / 8267	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9090 / 9047	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9180 / 9137	DEF AT - - - - -	DEF AT 5

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Area Block: EI 351	Date of Summary: 05-JAN-1983	First Sample Examined: 0
Lease Number: G03409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13645
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12605
API Well Number: 177104099700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5800 / 5647	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6800 / 6500	DEF AT - - - - -	DEF AT 4
8830 / 8240	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10840 / 10055	DEF AT - - - - -	DEF AT 5
10930 / 10137	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5

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End Date: 31-DEC-1987

Area Block: EI 351	Date of Summary: 05-JAN-1983	First Sample Examined: 0
Lease Number: G03409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11863
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10382
API Well Number: 177104101000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5770 / 5644	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6610 / 6286	DEF AT - - - - -	DEF AT 4
6760 / 6396	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8980 / 8165	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10720 / 9512	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5

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End Date: 31-DEC-1987

Area Block: EI 351	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G03409	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10957
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10501
API Well Number: 177104102000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 31-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5800 / 5740	DEF AT -----	DEF AT 3
6190 / 6111	DEF AT -----	DEF AT 4
6550 / 6454	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
6610 / 6511	DEF AT -----	DEF AT 5
7000 / 6881	DEF AT -----	DEF AT 4
8410 / 8196	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8770 / 8523	DEF AT -----	DEF AT 5
9400 / 9089	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 26-JAN-1989	First Sample Examined: 4530
Lease Number: G03573	Source of Paleo: OPERATOR	Borehole MD: 10317
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9637
API Well Number: 177104069300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 4530 - 10290	Water Depth: 285
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 / 4414	DEF AT first sample examined	DEF AT 3
4531 / 4415	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
8020 / 7589	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9390 / 8833	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
10260 / 9585	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
10290 / 9612	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 25-JAN-1989	First Sample Examined: 1400
Lease Number: G03573	Source of Paleo: OPERATOR	Borehole MD: 10490
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9967
API Well Number: 177104070700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 1400 - 10460	Water Depth: 275
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 / 1400	DEF AT first sample examined	DEF AT
1820 / 1820	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
2420 / 2417	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4460 / 4335	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6020 / 5790	DEF AT - - - - -	DEF AT 2
6585 / 6321	DEF AT - - - - -	DEF AT 3
7970 / 7618	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8540 / 8151	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
10250 / 9748	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10460 / 9944	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 22-MAY-2001	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10490
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9967
API Well Number: 177104070700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 71
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 / 4335	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7310 / 7002	POS AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
8540 / 8151	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6800
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5801
API Well Number: 177104084900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2849 / 2598	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 30-JAN-1981	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6838
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5983
API Well Number: 177104088700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 276
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2654	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 10-NOV-1980	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6507
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6101
API Well Number: 177104089300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 276
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2736 / 2655	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 17-MAR-1982	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6484
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6304
API Well Number: 177104090000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2730 / 2655	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5250 / 5068	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 12-JUL-1982	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12559
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177104091800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 2691	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8470 / 6333	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11950 / 9402	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 354	Date of Summary: 14-SEP-1982	First Sample Examined: 0
Lease Number: G03573	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7579
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 6784
API Well Number: 177104093300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 275
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2785 / 2642	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 360	Date of Summary: 26-OCT-1973	First Sample Examined: 4040
Lease Number: G02323	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8465
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8465
API Well Number: 177104017900	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4040 - 8420	Water Depth: 291
Public Info Code: Y 29-AUG-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4040 /	DEF AT first sample examined	DEF AT 3
4041 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4580 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4880 /	DEF AT pyrite	DEF AT 4
5240 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5660 /	DEF AT pyrite	DEF AT 4
6680 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7010 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7460 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7640 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7760 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
8210 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
8420 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 360	Date of Summary: 12-OCT-1973	First Sample Examined: 1100
Lease Number: G02323	Source of Paleo: OPERATOR	Borehole MD: 8204
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8204
API Well Number: 177104026300	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1100 - 8180	Water Depth: 298
Public Info Code: Y 03-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF AT 1
2660 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4580 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4700 /	DEF AT sample gap top	POS AT 2
6410 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 2
6740 /	DEF AT sample gap bottom	DEF AT 2
7160 /	DEF AT - - - -	DEF AT 3
7520 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8000 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8180 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 361	Date of Summary: 24-NOV-1973	First Sample Examined: 1136
Lease Number: G02324	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 4240
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 4240
API Well Number: 177104025100	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1136 - 4250	Water Depth: 303
Public Info Code: Y 19-SEP-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1136 /	DEF AT first sample examined	POS AT 3
1550 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1910 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
1940 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3080 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3890 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3919 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3920 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3980 /	DEF AT pyrite	DEF AT 4
4250 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 363	Date of Summary: 26-APR-1984	First Sample Examined: 0
Lease Number: G03784	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8200
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 177104105000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 343
Public Info Code: Y 21-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4120 / 4120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 364	Date of Summary: 03-DEC-1980	First Sample Examined: 0
Lease Number: G03785	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6990
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6990
API Well Number: 177104089400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3699	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 364	Date of Summary: 13-MAR-1981	First Sample Examined: 0
Lease Number: G03785	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177104090700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3510 / 3510	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10630 / 10622	DEF AT Cyclammina sp. (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 367	Date of Summary: 05-MAR-1976	First Sample Examined: 0
Lease Number: G02618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5090
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5088
API Well Number: 177104050400	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 349
Public Info Code: Y 11-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3700	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 367	Date of Summary: 03-DEC-1976	First Sample Examined: 0
Lease Number: G02618	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13533
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 9642
API Well Number: 177104058600	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 349
Public Info Code: Y 25-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 / 3995	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
10470 / 7165	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 371	Date of Summary: 14-APR-1975	First Sample Examined: 1160
Lease Number: G02326	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5865
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 5865
API Well Number: 177104024600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1160 - 5865	Water Depth: 408
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1160 / 1160	DEF AT first sample examined	DEF AT
1602 / 1602	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
2232 / 2232	DEF AT pyrite	DEF AT
4390 / 4390	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5470 / 5470	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5865 / 5865	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 374	Date of Summary: 12-OCT-1982	First Sample Examined: 1112
Lease Number: G03575	Source of Paleo: OPERATOR	Borehole MD: 5108
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5108
API Well Number: 177104100600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1112 - 3953	Water Depth: 328
Public Info Code: Y 28-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1112 / 1112	DEF AT first sample examined	DEF AT
1113 / 1113	DEF AT cement	DEF AT
1362 / 1362	DEF AT faunal change (no faunal increase)	DEF AT 2
1735 / 1735	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
2079 / 2079	DEF AT local marker benthic foram increase	DEF IN 3
2141 / 2141	DEF AT faunal change (no faunal increase)	DEF IN 2
3019 / 3019	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
3953 / 3953	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 375	Date of Summary: 31-DEC-1980	First Sample Examined: 1000
Lease Number: G04227	Source of Paleo: OPERATOR	Borehole MD: 5663
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5663
API Well Number: 177104090600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5650	Water Depth: 320
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
1630 / 1630	DEF AT -----	DEF AT 3
1870 / 1870	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1960 / 1960	DEF AT -----	DEF AT 2
2230 / 2230	DEF AT -----	DEF AT 3
2440 / 2440	DEF AT -----	DEF AT 2
3310 / 3309	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3610 / 3609	DEF AT -----	DEF AT 1
3730 / 3729	DEF AT -----	DEF AT 2
5650 / 5648	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 375	Date of Summary: 29-JAN-1985	First Sample Examined: 2380
Lease Number: G04227	Source of Paleo: OPERATOR	Borehole MD: 5000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5000
API Well Number: 177104111000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 2380 - 5000	Water Depth: 330
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2380 / 2380	DEF AT first sample examined	DEF AT 1
2680 / 2680	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3660 / 3660	DEF AT - - - - -	DEF AT 2
4580 / 4580	DEF AT - - - - -	DEF AT 3
4700 / 4700	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5000 / 5000	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 377	Date of Summary: 17-DEC-1974	First Sample Examined: 1500
Lease Number: G02915	Source of Paleo: OPERATOR	Borehole MD: 5976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5976
API Well Number: 177104043000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1500 - 5940	Water Depth: 315
Public Info Code: Y 21-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 3
2790 / 2790	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5580 / 5580	DEF AT - - - - -	DEF AT 4
5610 / 5610	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5940 / 5940	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 377	Date of Summary: 19-FEB-1975	First Sample Examined: 1238
Lease Number: G02915	Source of Paleo: OPERATOR	Borehole MD: 5899
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5899
API Well Number: 177104043600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1238 - 5898	Water Depth: 350
Public Info Code: Y 21-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1238 / 1238	DEF AT first sample examined	DEF IN 3
2880 / 2880	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5640 / 5640	DEF AT - - - - -	DEF AT 4
5730 / 5730	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5898 / 5898	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 377	Date of Summary: 07-FEB-1977	First Sample Examined: 1500
Lease Number: G02915	Source of Paleo: OPERATOR	Borehole MD: 12696
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12680
API Well Number: 177104050200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 1500 - 12696	Water Depth: 332
Public Info Code: Y 21-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 3
3090 / 3090	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5500 / 5500	DEF AT - - - - -	DEF AT 5
5990 / 5990	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7310 / 7309	DEF AT - - - - -	DEF AT 6
8300 / 8298	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
8789 / 8787	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
8790 / 8788	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 6
12470 / 12459	DEF AT calcite	DEF AT 6
12696 / 12680	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 378	Date of Summary: 04-DEC-1975	First Sample Examined: 1470
Lease Number: G02916	Source of Paleo: OPERATOR	Borehole MD: 5753
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5753
API Well Number: 177104049400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1470 - 5760	Water Depth: 350
Public Info Code: Y 31-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1470 / 1470	DEF AT first sample examined	DEF IN 3
2820 / 2820	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5580 / 5580	DEF AT - - - - -	DEF AT 4
5760 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 379	Date of Summary: 18-NOV-1975	First Sample Examined: 1500
Lease Number: G03158	Source of Paleo: OPERATOR	Borehole MD: 6301
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6301
API Well Number: 177104050100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1500 - 6260	Water Depth: 325
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 3
2970 / 2970	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5460 / 5460	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5790 / 5790	DEF AT - - - - -	DEF AT 4
6020 / 6020	DEF AT - - - - -	DEF AT 5
6260 / 6260	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 379	Date of Summary: 18-JUN-1979	First Sample Examined: 3000
Lease Number: G03158	Source of Paleo: OPERATOR	Borehole MD: 5000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5000
API Well Number: 177104079800	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3000 - 5000	Water Depth: 325
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	POS AT 3
3001 / 3001	DEF IN cement	POS AT 3
3300 / 3300	DEF AT - - - -	DEF AT 3
3360 / 3360	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5000 / 5000	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 29-APR-1974	First Sample Examined: 1500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 6378
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6378
API Well Number: 177104032600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1500 - 6360	Water Depth: 325
Public Info Code: Y 26-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5730 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5820 /	DEF AT - - - - -	DEF AT 4
6360 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 17-JUN-1974	First Sample Examined: 1500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 5823
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5823
API Well Number: 177104033900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1500 - 5823	Water Depth: 350
Public Info Code: Y 13-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4141 /	DEF AT - - - - -	DEF AT 4
4500 /	DEF AT - - - - -	DEF AT 5
5160 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5823 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 31-MAY-1974	First Sample Examined: 1500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 8587
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8587
API Well Number: 177104033800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1500 - 8587	Water Depth: 323
Public Info Code: Y 23-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF IN 3
2730 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5100 /	DEF AT - - - - -	DEF AT 4
6150 /	DEF AT - - - - -	DEF AT 5
6720 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7350 /	DEF AT - - - - -	DEF AT 6
8070 /	DEF AT - - - - -	DEF AT 4
8550 /	DEF AT - - - - -	DEF AT 5
8587 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 26-JUN-1974	First Sample Examined: 3015
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 6533
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5572
API Well Number: 177104033901	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3015 - 6490	Water Depth: 350
Public Info Code: Y 23-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3015 / 3015	DEF AT first sample examined	DEF IN 3
4380 / 4175	DEF AT - - - - -	DEF AT 4
6030 / 5166	DEF AT - - - - -	DEF AT 5
6490 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 05-AUG-1974	First Sample Examined: 1480
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 5879
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 5879
API Well Number: 177104037000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1480 - 5880	Water Depth: 355
Public Info Code: Y 28-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 /	DEF AT first sample examined	DEF IN 3
2740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4530 /	DEF AT - - - - -	DEF AT 4
5880 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 21-AUG-1974	First Sample Examined: 1500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 5452
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5452
API Well Number: 177104037600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1500 - 5430	Water Depth: 355
Public Info Code: Y 12-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF IN 3
2730 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5370 /	DEF AT - - - - -	DEF AT 4
5400 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5430 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 26-APR-1976	First Sample Examined: 2020
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 2716
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 2716
API Well Number: 177104053900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 2020 - 2700	Water Depth: 337
Public Info Code: Y 14-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 /	DEF AT first sample examined	DEF IN 3
2610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2700 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 08-JUN-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 7375
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5611
API Well Number: 177104055100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7375	Water Depth: 337
Public Info Code: Y 16-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2332	DEF AT first sample examined	DEF IN 3
3010 / 2679	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5290 / 4161	DEF AT - - - - -	DEF AT 4
7375 / 5611	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 12-MAY-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 7283
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7281
API Well Number: 177104054800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7260	Water Depth: 338
Public Info Code: Y 08-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF AT first sample examined	DEF IN 3
2590 / 2590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4090 / 4090	DEF AT - - - - -	DEF AT 4
5490 / 5490	DEF AT - - - - -	DEF AT 5
5730 / 5729	DEF AT pyrite	DEF AT 5
5731 / 5730	DEF AT calcite	DEF AT 5
5830 / 5829	POS AT gouge	DEF AT 6
6930 / 6929	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7200 / 7199	DEF AT calcite	DEF AT
7260 / 7259	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 22-JUN-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 7047
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5607
API Well Number: 177104055200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7040	Water Depth: 338
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2434	DEF AT first sample examined	DEF IN 3
2690 / 2597	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7040 / 5607	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 07-JUL-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 6879
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5341
API Well Number: 177104056700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6880	Water Depth: 338
Public Info Code: Y 01-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2446	DEF AT first sample examined	DEF IN 3
2830 / 2712	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6880 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 27-JUL-1967	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 6935
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5692
API Well Number: 177104057400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6920	Water Depth: 338
Public Info Code: Y 19-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2439	DEF AT first sample examined	DEF IN 3
2680 / 2594	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6920 / 5681	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 25-AUG-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 8100
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 5336
API Well Number: 177104058100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 8000	Water Depth: 338
Public Info Code: Y 19-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 1983	DEF AT first sample examined	DEF IN 3
3520 / 2595	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8000 / 5278	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 15-SEP-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 6400
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5804
API Well Number: 177104058200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6400	Water Depth: 338
Public Info Code: Y 14-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2450	DEF AT first sample examined	DEF IN 3
2740 / 2654	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6310 / 5764	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6400 / 5847	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 03-AUG-1976	First Sample Examined: 2800
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 7530
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5483
API Well Number: 177104055201	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2800 - 7540	Water Depth: 338
Public Info Code: Y 26-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2691	DEF AT first sample examined	DEF IN 3
2801 / 2692	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7540 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 26-OCT-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 7675
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 4800
API Well Number: 177104059200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7670	Water Depth: 338
Public Info Code: Y 15-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2118	DEF AT poor sample interval top	DEF IN 3
3499 / 2612	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6506 / 4065	DEF AT sample gap top	DEF AT
6710 / 4188	DEF AT sample gap bottom	DEF AT
7670 / 4797	DEF AT poor sample interval bottom	DEF AT

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End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 02-SEP-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 5685
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 5099
API Well Number: 177104058400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 2500 - 5680	Water Depth: 338
Public Info Code: Y 01-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2474	DEF AT first sample examined	DEF IN 3
2710 / 2660	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5410 / 4968	DEF AT - - - - -	DEF AT 4
5470 / 5019	DEF AT - - - - -	DEF AT 5
5680 / 5199	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 16-NOV-1976	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 8587
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 5290
API Well Number: 177104059700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 2500 - 8530	Water Depth: 338
Public Info Code: Y 11-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2136	DEF AT first sample examined	DEF IN 3
3280 / 2512	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5100 / 3410	DEF AT sample gap top	DEF AT
5280 / 3498	DEF AT sample gap bottom	DEF AT
6200 / 3976	DEF AT sample gap top	DEF AT
7000 / 4414	DEF AT sample gap bottom	DEF AT
8530 / 5262	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 21-DEC-1976	First Sample Examined: 6240
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 7412
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 5769
API Well Number: 177104060700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 6240 - 7350	Water Depth: 338
Public Info Code: Y 27-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6240 / 4894	DEF AT first sample examined	DEF IN 4
6510 / 5093	POS AT Cyclammina sp. (local marker)	DEF AT 5
6570 / 5137	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6910 / 5389	DEF AT - - - - -	DEF AT 6
7150 / 5570	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 6
7350 / 5722	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 11-JAN-1977	First Sample Examined: 2500
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 6266
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 4013
API Well Number: 177104061000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6260	Water Depth: 338
Public Info Code: Y 27-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2099	DEF AT first sample examined	DEF IN 3
3650 / 2643	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6260 / 4010	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 380	Date of Summary: 24-JUN-1977	First Sample Examined: 3430
Lease Number: G02327	Source of Paleo: OPERATOR	Borehole MD: 9471
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 5382
API Well Number: 177104064600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3430 - 9470	Water Depth: 338
Public Info Code: Y 27-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 / 2529	DEF AT first sample examined	DEF IN 3
3520 / 2578	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9470 / 5407	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 381	Date of Summary: 08-MAR-1974	First Sample Examined: 960
Lease Number: G02328	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8555
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8555
API Well Number: 177104028500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 960 - 8555	Water Depth: 350
Public Info Code: Y 09-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 /	DEF AT first sample examined	DEF AT 2
1050 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1200 /	DEF IN Holocene Globorotalia inflata	DEF AT 3
1470 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1530 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1950 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2850 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3000 /	DEF AT cement	POS AT 3
4560 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5520 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6030 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
6150 /	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6300 /	DEF AT cement	DEF AT 4
6359 /	POS AT gouge	DEF AT 5
6360 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6450 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6840 /	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6930 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
7050 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
7500 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
7530 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 5

This report contains public paleo reports only for the time period stated

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 381	Date of Summary: 08-MAR-1974	First Sample Examined: 960
Lease Number: G02328	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8555
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8555
API Well Number: 177104028500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 960 - 8555	Water Depth: 350
Public Info Code: Y 09-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7560 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
7710 /	DEF AT local marker foram decrease	DEF IN 5
8490 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 5
8555 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 381	Date of Summary: 31-JAN-1989	First Sample Examined: 1000
Lease Number: G02328	Source of Paleo: OPERATOR	Borehole MD: 6300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6300
API Well Number: 177104064100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6300	Water Depth: 350
Public Info Code: Y 09-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
1600 / 1600	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3190 / 3190	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3800 / 3800	DEF AT - - - - -	DEF AT 2
4300 / 4300	DEF AT - - - - -	DEF AT 3
6000 / 6000	DEF AT - - - - -	DEF AT 4
6120 / 6120	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6300 / 6300	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 381	Date of Summary: 31-JAN-1989	First Sample Examined: 5700
Lease Number: G02328	Source of Paleo: OPERATOR	Borehole MD: 6370
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6004
API Well Number: 177104064101	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5700 - 6370	Water Depth: 350
Public Info Code: Y 09-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5700 / 5471	DEF AT first sample examined	DEF AT 3
5800 / 5550	DEF AT - - - - -	DEF AT 4
5870 / 5606	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6370 / 6004	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 381	Date of Summary: 06-MAR-1978	First Sample Examined: 6000
Lease Number: G02328	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12997
API Well Number: 177104070500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13000	Water Depth: 350
Public Info Code: Y 09-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5998	DEF AT first sample examined	DEF IN 3
6001 / 5999	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6540 / 6537	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6930 / 6927	DEF AT sample gap top	POS AT 4
7200 / 7197	DEF AT sample gap bottom	DEF AT 4
7320 / 7317	DEF AT local marker benthic foram increase	DEF AT 4
9150 / 9147	DEF AT faunal change (no faunal increase)	DEF AT 5
10590 / 10587	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11460 / 11457	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
13000 / 12997	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 384	Date of Summary: 01-NOV-1977	First Sample Examined: 0
Lease Number: G03159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6408
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6407
API Well Number: 177104069100	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 429
Public Info Code: Y 29-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3770 / 3770	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4420 / 4420	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 384	Date of Summary: 28-DEC-1977	First Sample Examined: 0
Lease Number: G03159	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7480
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7476
API Well Number: 177104069500	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 446
Public Info Code: Y 25-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3820 / 3820	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4540 / 4539	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 385	Date of Summary: 08-JUL-1974	First Sample Examined: 0
Lease Number: G02329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5151
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5151
API Well Number: 177104034600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 401
Public Info Code: Y 15-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2950 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4750 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 391	Date of Summary: 17-FEB-1978	First Sample Examined: 2000
Lease Number: G02331	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6000
API Well Number: 177104071000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2000 - 5990	Water Depth: 338
Public Info Code: Y 29-MAY-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT 3
2360 / 2360	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3260 / 3260	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4040 / 4039	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5630 / 5629	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5780 / 5779	DEF AT - - - - -	DEF AT 3
5990 / 5989	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 396	Date of Summary: 20-DEC-1983	First Sample Examined: 0
Lease Number: G04454	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177104101900	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 458
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3890 / 3889	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7820 / 7819	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EI 396	Date of Summary: 03-JUL-1985	First Sample Examined: 0
Lease Number: G04454	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7678
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7678
API Well Number: 177104112700	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 429
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3800 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7070 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 566	Date of Summary: 10-AUG-1977	First Sample Examined: 1330
Lease Number: G03344	Source of Paleo: OPERATOR	Borehole MD: 15865
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15865
API Well Number: 608294000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 1 of 3	Sample Range: 1330 - 15800	Water Depth: 220
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark: Company-integrated foram, nanno and palynological report, from washed samples, thin sections and cores, 8150=Possible Middle Albian pollen species *Classopollis* (*Corollina*) *echinoidea* zone, 9950=Possible Lower Albian to Upper Aptian dinoflagellate *Subtilisphaera perlucida*, 13460=abundant amorphous kerogen, favorable organic facies thermal alteration index (TAI) 3T facies

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1330 / 1330	DEF AT first sample examined	DEF AT
3806 / 3804	DEF AT Middle Eocene (Bartonian) <i>Acarinina broedermanni</i>	DEF AT
5070 / 5068	DEF IN Middle Eocene (Lutetian) <i>Morozovella aragonensis</i>	DEF AT
5220 / 5218	DEF AT Lower Eocene (Ypresian) <i>Morozovella rex</i> / <i>subbotinae</i>	DEF AT
5309 / 5307	POS AT reworked material	DEF AT
5310 / 5308	POS AT Upper Paleocene (Thanetian) <i>Morozovella velascoensis</i>	DEF AT
5670 / 5668	POS AT Upper Paleocene (Thanetian) <i>Vaginulina longiforma</i>	DEF AT
5730 / 5728	POS AT Upper Cretaceous Maastrichtian Stage	DEF AT
5760 / 5758	POS AT Upper Cretaceous (Maastrichtian) <i>Globotruncana ventricosa</i>	DEF AT
6230 / 6228	DEF AT Upper Cretaceous (Campanian) <i>Globorotalites micheliniana</i>	DEF AT
6680 / 6677	DEF AT Upper Cretaceous (Santonian) <i>Dicarinella concavata</i>	DEF AT
6890 / 6887	DEF AT Upper Cretaceous (Turonian) <i>Planulina eaglefordensis</i>	DEF AT
6980 / 6977	POS AT Upper Cretaceous (Cenomanian) <i>Rotalipora cushmani</i>	DEF AT
7070 / 7067	DEF AT Upper Cretaceous (Cenomanian) <i>Rotalipora appenninica</i>	DEF AT
7280 / 7277	POS IN Upper Cretaceous (Cenomanian) <i>Lithraphidites pseudoquadratus</i>	DEF AT
7370 / 7367	DEF AT Lower Cretaceous (Albian) <i>Planomalina buxtoni</i>	DEF AT
8150 / 8147	POS AT Lower Cretaceous (Albian) <i>Prediscosphaera columnata</i>	DEF AT
9950 / 9947	POS AT local marker (general)	DEF AT
11030 / 11027	POS AT Lower Cretaceous (Aptian) <i>Globigerinelloides algerianus</i>	DEF AT
12250 / 12246	DEF AT reefal material	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 566	Date of Summary: 10-AUG-1977	First Sample Examined: 1330
Lease Number: G03344	Source of Paleo: OPERATOR	Borehole MD: 15865
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15865
API Well Number: 608294000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 1 of 3	Sample Range: 1330 - 15800	Water Depth: 220
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12260 / 12256	POS AT oolites	DEF AT
12319 / 12315	DEF AT oolites	DEF AT
12320 / 12316	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
12590 / 12586	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
12828 / 12824	POS AT Lower Cretaceous Rodessa Formation	DEF AT
12829 / 12825	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
12830 / 12826	POS AT Lower Cretaceous Barremian Stage	DEF AT
13190 / 13186	DEF IN Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
13460 / 13456	DEF AT local marker (general)	DEF AT
14090 / 14086	POS AT Lower Cretaceous Hauterivian Stage	DEF AT
14100 / 14096	POS AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
14929 / 14925	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT
14930 / 14926	DEF AT sample gap top	DEF AT
15289 / 15285	DEF AT sample gap bottom	DEF AT
15290 / 15286	POS AT Jurassic	DEF AT
15800 / 15796	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 566	Date of Summary: 28-SEP-1977	First Sample Examined: 0
Lease Number: G03344	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15865
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15865
API Well Number: 608294000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation, 12580=base of massive anhydrite, between the lowest casing and TD, the well penetrated the Neocomian, base on the recovery of a fragment of the dinoflagellate *Pseudoceratium pelliferum*

MD / TVD	Paleo Top Description	Ecozone
1330 / 1330	DEF AT Eocene	DEF AT
5255 / 5253	DEF AT Paleocene	DEF AT
5700 / 5698	DEF AT Upper (Late) Cretaceous	DEF AT
6430 / 6427	DEF AT Upper Cretaceous Austin Group/Provincial Stage	DEF AT
7010 / 7007	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT
7340 / 7337	DEF AT Lower (Early) Cretaceous	DEF AT
8410 / 8407	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
9950 / 9947	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
11790 / 11787	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
11960 / 11956	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
12580 / 12576	DEF IN anhydrite	DEF AT
13640 / 13636	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 566	Date of Summary: 09-NOV-1992	First Sample Examined: 800
Lease Number: G03344	Source of Paleo: OPERATOR	Borehole MD: 15865
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15865
API Well Number: 608294000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 3 of 3	Sample Range: 800 - 15865	Water Depth: 220
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
800 / 800	DEF AT first sample examined	DEF AT
1330 / 1330	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT
5255 / 5253	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
5700 / 5698	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
6430 / 6427	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
7010 / 7007	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
7340 / 7337	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
8410 / 8407	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
9950 / 9947	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
11790 / 11787	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
11960 / 11956	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
12580 / 12576	DEF IN anhydrite	DEF AT
13640 / 13636	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
13641 / 13637	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
15865 / 15861	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 915	Date of Summary: 09-SEP-1981	First Sample Examined: 0
Lease Number: G03341	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18128
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18128
API Well Number: 608294000100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 370
Public Info Code: Y 21-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5440 / 5440	POS AT Paleocene	DEF AT
5720 / 5720	POS AT Upper (Late) Cretaceous	DEF AT
6906 / 6906	POS AT Lower (Early) Cretaceous	DEF AT
7980 / 7980	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
9458 / 9458	POS AT Lower Cretaceous Paluxy Formation	DEF AT
11090 / 11090	POS AT Lower Cretaceous Sunniland Formation	DEF AT
12770 / 12770	POS AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
14868 / 14868	POS AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
18003 / 18003	POS AT basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 915	Date of Summary: 31-OCT-1981	First Sample Examined: 1500
Lease Number: G03341	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18128
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 18128
API Well Number: 608294000100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 3	Sample Range: 1500 - 18122	Water Depth: 370
Public Info Code: Y 21-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 2
1501 / 1501	DEF IN Middle Eocene Claiborne Group/Provincial Stage	DEF IN 2
1830 / 1830	DEF AT sample gap top	POS AT 2
4960 / 4960	DEF AT sample gap bottom	DEF AT 2
4961 / 4961	POS AT radiolarians	DEF AT 2
5260 / 5260	POS IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 2
5800 / 5800	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 4
6700 / 6700	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 2
6880 / 6880	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
6910 / 6910	DEF AT anhydrite	DEF AT 2
7330 / 7330	DEF AT oolites	DEF AT 2
7690 / 7690	DEF AT oolites	DEF AT 2
7750 / 7750	DEF AT anhydrite	DEF AT 2
8099 / 8099	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 2
8100 / 8100	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
8460 / 8460	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 2
10610 / 10610	DEF AT Lower Cretaceous (Aptian) Epistomina sp.	DEF AT 2
11930 / 11930	POS AT Lower Cretaceous (Barremian) Schuleridea lacustris (ostracod)	DEF AT 2
12560 / 12560	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
13520 / 13520	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT 2
13760 / 13760	DEF AT miliolid limestone	DEF AT 2
14170 / 14170	DEF AT anhydrite	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 915	Date of Summary: 31-OCT-1981	First Sample Examined: 1500
Lease Number: G03341	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18128
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 18128
API Well Number: 608294000100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 3	Sample Range: 1500 - 18122	Water Depth: 370
Public Info Code: Y 21-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14440 / 14440	DEF AT dolomite	DEF AT 2
14740 / 14740	POS AT Lower Cretaceous (Berriasian) Pentaschuleridea pentagonalis (ostracod)	DEF AT 2
15340 / 15340	POS AT Upper Jurassic (Kimmeridgian) Alveosepta jaccardi	DEF AT 2
17230 / 17230	DEF AT granite wash	DEF AT
17231 / 17231	DEF AT volcanics	DEF AT
18122 / 18122	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EL 915	Date of Summary: 09-NOV-1992	First Sample Examined: 1500
Lease Number: G03341	Source of Paleo: OPERATOR	Borehole MD: 18128
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18128
API Well Number: 608294000100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 3 of 3	Sample Range: 1500 - 18100	Water Depth: 370
Public Info Code: Y 21-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: 6880=Lower Cenomanian? Hedbergella washitensis

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF AT 1
1501 / 1501	DEF IN Middle Eocene (Bartonian) Eponides yeguaensis	DEF AT 1
1830 / 1830	DEF AT sample gap top	POS AT 1
4960 / 4960	DEF AT sample gap bottom	DEF AT 1
5260 / 5260	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 1
5800 / 5800	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 2
6880 / 6880	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 1
8100 / 8100	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 1
8460 / 8460	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT 1
10610 / 10610	DEF AT Lower Cretaceous Pearsall Formation	DEF AT 1
12560 / 12560	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
13520 / 13520	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
17230 / 17230	DEF AT granite wash	DEF AT
18100 / 18100	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 304	Date of Summary: 10-NOV-1981	First Sample Examined: 2460
Lease Number: G04500	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14000
API Well Number: 608104000900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 2460 - 14000	Water Depth: 642
Public Info Code: Y 17-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2460 /	DEF AT first sample examined	DEF IN 3
3600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3720 /	DEF AT - - - - -	DEF AT 4
5130 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5640 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6690 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9420 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12770 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 304	Date of Summary: 05-AUG-1983	First Sample Examined: 2460
Lease Number: G04500	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14000
API Well Number: 608104000900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 2460 - 14000	Water Depth: 642
Public Info Code: Y 17-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2460 /	DEF AT first sample examined	DEF AT 2
3330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5130 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5730 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6300 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
6330 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6720 /	DEF IN Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
6749 /	DEF IN Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
6750 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6780 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7440 /	DEF AT - - - - -	DEF AT 5
8310 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
9030 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9840 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10020 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10800 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11340 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
12770 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13310 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
13400 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
13520 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

<p>Area Block: EW 304</p> <p>Lease Number: G04500</p> <p>Well Name: 002</p> <p>API Well Number: 608104000900</p> <p>Paleo Report Num: 2 of 2</p> <p>Public Info Code: Y 17-SEP-1984</p>	<p>Date of Summary: 05-AUG-1983</p> <p>Source of Paleo: MINERALS MANAGEMENT SERVICE</p> <p>Paleo Done By: ANTON FRIEDMANN</p> <p>Drilling Operator: PENNZENERGY COMPANY</p> <p>Sample Range: 2460 - 14000</p> <p>Ecozone Eq MMS:</p>	<p>First Sample Examined: 2460</p> <p>Borehole MD: 14000</p> <p>Borehole TVD: 14000</p> <p>Rkb Elevation: 65</p> <p>Water Depth: 642</p> <p>Paleo ID: 002</p>
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<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13970 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 305	Date of Summary: 20-NOV-1981	First Sample Examined: 4830
Lease Number: G04254	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11673
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11671
API Well Number: 608104000300	Drilling Operator: CONOCO INC	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 4830 - 11250	Water Depth: 220
Public Info Code: Y 14-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4830	DEF AT first sample examined	DEF AT 3
4950 / 4950	DEF AT local marker foram increase	DEF AT 3
5040 / 5040	DEF AT local marker foram decrease	DEF AT 3
5580 / 5580	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5940 / 5940	DEF AT - - - - -	DEF AT 4
6360 / 6360	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6390 / 6390	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
6420 / 6420	DEF AT local marker planktic foram increase	DEF AT 4
6480 / 6480	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6720 / 6720	DEF AT local marker foram increase	DEF AT 4
6750 / 6750	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
6751 / 6751	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6840 / 6840	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7050 / 7050	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
7140 / 7140	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7980 / 7980	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8640 / 8640	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10080 / 10080	DEF AT local marker planktic foram increase	DEF AT 4
10980 / 10979	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11100 / 11099	DEF AT oxidized shale	DEF AT 3
11220 / 11219	DEF AT local marker planktic foram increase	DEF AT 3
11250 / 11249	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 305	Date of Summary: 20-NOV-1981	First Sample Examined: 11070
Lease Number: G04254	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11673
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11671
API Well Number: 608104000300	Drilling Operator: CONOCO INC	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 11070 - 11670	Water Depth: 220
Public Info Code: Y 14-JUN-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11070 / 11069	DEF AT first sample examined	DEF AT 3
11071 / 11070	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11160 / 11159	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11400 / 11399	DEF AT oxidized shale	DEF AT 3
11430 / 11429	DEF AT local marker foram increase	DEF AT 3
11490 / 11489	DEF AT local marker foram decrease	DEF AT 3
11610 / 11608	DEF AT local marker foram increase	DEF AT 3
11670 / 11668	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 526	Date of Summary: 16-JAN-1984	First Sample Examined: 1551
Lease Number: G05079	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9207
Well Name: 001	Paleo Done By: MARK BLOEMKER	Borehole TVD: 9207
API Well Number: 608104001200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1551 - 9200	Water Depth: 457
Public Info Code: Y 15-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1551 / 1551	DEF AT first sample examined	DEF AT 2
2210 / 2210	DEF AT local marker foram increase	DEF AT 3
2560 / 2560	DEF AT local marker planktic foram increase	DEF AT 3
2960 / 2960	DEF AT local marker planktic foram increase	DEF AT 4
3200 / 3200	DEF AT poor sample interval top	DEF AT 4
3230 / 3230	DEF AT local marker foram decrease	POS AT 4
3500 / 3500	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4940 / 4940	DEF AT local marker planktic foram increase	DEF AT 4
5060 / 5060	DEF AT local marker foram decrease	DEF AT 4
5120 / 5120	DEF AT poor sample interval bottom	DEF AT 4
5150 / 5150	DEF AT pyrite	DEF AT 4
5180 / 5180	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
5329 / 5329	DEF AT foram flood	DEF AT 5
5330 / 5330	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "A")	DEF AT 5
5540 / 5540	DEF AT pyrite	DEF AT 5
5570 / 5570	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5630 / 5630	DEF AT local marker foram decrease	DEF AT 5
5780 / 5780	DEF AT pyrite	DEF AT 5
6500 / 6500	DEF AT local marker foram increase	DEF AT 4
6740 / 6740	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6950 / 6950	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6980 / 6980	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 526	Date of Summary: 16-JAN-1984	First Sample Examined: 1551
Lease Number: G05079	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9207
Well Name: 001	Paleo Done By: MARK BLOEMKER	Borehole TVD: 9207
API Well Number: 608104001200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1551 - 9200	Water Depth: 457
Public Info Code: Y 15-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 7100	DEF AT local marker foram decrease	DEF AT 4
7220 / 7220	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7460 / 7460	DEF AT pyrite	DEF AT 4
7490 / 7490	DEF AT cement	POS AT 4
7790 / 7790	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8216 / 8216	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8240 / 8240	DEF AT cement	POS AT 3
8780 / 8780	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 3
9100 / 9100	DEF AT calcite	DEF AT 3
9111 / 9111	DEF AT anhydrite	DEF AT 3
9169 / 9169	DEF AT poor sample interval bottom	DEF AT 3
9170 / 9170	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 947	Date of Summary: 21-NOV-1975	First Sample Examined: 1457
Lease Number: G03202	Source of Paleo: OPERATOR	Borehole MD: 9510
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9507
API Well Number: 608104000000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 1457 - 9510	Water Depth: 465
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1457 / 1457	DEF AT first sample examined	DEF IN 2
1820 / 1820	DEF AT - - - - -	DEF AT 3
3060 / 3060	DEF AT - - - - -	DEF AT 4
4080 / 4080	DEF AT - - - - -	DEF AT 5
5910 / 5909	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6600 / 6599	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8820 / 8817	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
8880 / 8877	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
9210 / 9207	DEF AT limestone	DEF AT 6
9510 / 9507	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 988	Date of Summary: 08-JUL-1993	First Sample Examined: 1580
Lease Number: G05809	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14082
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 14082
API Well Number: 608104004200	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 1580 - 14082	Water Depth: 430
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1580 /	DEF AT first sample examined	DEF AT 3
1820 /	DEF AT foram flood	DEF AT 4
1850 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2600 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
2780 /	DEF AT pyrite	DEF AT 5
3889 /	DEF AT foram flood	DEF AT 5
3890 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4160 /	DEF AT glauconite	DEF AT 5
4580 /	DEF AT foram flood	DEF AT 5
4880 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5030 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6830 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6920 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7250 /	DEF AT local marker foram decrease	DEF AT 5
8330 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8660 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9320 /	DEF AT glauconite	DEF AT 4
9950 /	DEF AT foram flood	DEF AT 5
9980 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10520 /	DEF AT glauconite	DEF AT 6
11390 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 988	Date of Summary: 08-JUL-1993	First Sample Examined: 1580
Lease Number: G05809	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14082
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 14082
API Well Number: 608104004200	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 1580 - 14082	Water Depth: 430
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11449 /	DEF AT foram flood	DEF AT 6
11450 /	DEF AT local marker planktic foram increase	DEF AT 7
11510 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
11570 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
11690 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
12110 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 6
12140 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
12620 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 6
12860 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
12890 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
13130 /	DEF AT local marker foram decrease	DEF AT 6
13160 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 7
13460 /	DEF AT local marker foram decrease	DEF AT 6
13910 /	DEF AT Bathysiphon fauna	DEF AT 6
13940 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
14082 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: EW 1003	Date of Summary: 03-OCT-1985	First Sample Examined: 0
Lease Number: G06933	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12698
API Well Number: 608104003500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1765
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2980 / 2980	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
5320 / 5320	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
7070 / 7070	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
7190 / 7190	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8480 / 8479	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8890 / 8889	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
10230 / 10229	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: FM 252	Date of Summary: 26-JAN-1975	First Sample Examined: 0
Lease Number: G02516	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15663
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15663
API Well Number: 608284000000	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 126
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4720 /	DEF AT Upper (Late) Cretaceous	DEF AT
6150 /	DEF AT Lower (Early) Cretaceous	DEF AT
7080 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
9050 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
12880 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
14230 /	POS AT Paleozoic strata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: FM 252	Date of Summary: 01-APR-1975	First Sample Examined: 1250
Lease Number: G02516	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15663
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15663
API Well Number: 608284000000	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 1250 - 15625	Water Depth: 126
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 2240=Nummulites spp, 6140=common gastropods and ostracods, 6300=Flambellimmina spp, 10750=Cuneolina-like species, possible Fort Pierce, 14200=top of Paleozoics? with abundant metamorphic fragments, TD=possibly in Carboniferous

MD / TVD	Paleo Top Description	Ecozone
1250 /	DEF AT first sample examined	DEF AT
2120 /	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 3
2240 /	DEF AT Upper (Late) Eocene	DEF AT 3
4190 /	DEF AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 3
4550 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 3
4640 /	DEF IN Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 3
4700 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 3
4880 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT
5580 /	POS AT Upper Cretaceous (Santonian) Dicarionella concavata	DEF AT
5940 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
6080 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
6140 /	DEF AT local marker foram increase	DEF AT
6141 /	DEF AT local marker ostracod (see remarks)	DEF AT
6300 /	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT
6720 /	DEF AT calcite	DEF AT
6721 /	DEF AT anhydrite	DEF AT
7100 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
7480 /	DEF AT anhydrite	DEF AT
7580 /	POS AT miliolid limestone	DEF AT
7860 /	POS AT Lower Cretaceous Paluxy Formation	DEF AT
8830 /	POS AT miliolid limestone	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: FM 252	Date of Summary: 01-APR-1975	First Sample Examined: 1250
Lease Number: G02516	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15663
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15663
API Well Number: 608284000000	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 1250 - 15625	Water Depth: 126
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9050 /	DEF AT miliolid limestone	DEF AT
9110 /	DEF AT anhydrite	DEF AT
9150 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
9151 /	POS AT Lower Cretaceous Trinity Group/Provincial Stage	DEF AT
9152 /	POS AT Lower Cretaceous Sunniland Formation	DEF AT
9230 /	DEF AT miliolid limestone	DEF AT
9350 /	DEF AT anhydrite	DEF AT
9540 /	DEF AT miliolid limestone	DEF AT
10460 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
10461 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
10750 /	DEF AT Arenaceous fauna (local marker)	DEF AT
10751 /	POS AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
12920 /	DEF AT gray shale	DEF AT
14020 /	DEF AT sandstone	DEF AT
14200 /	POS AT Paleozoic strata	DEF AT
15624 /	POS IN Paleozoic strata	DEF AT
15625 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 104	Date of Summary: 30-JUN-1980	First Sample Examined: 3350
Lease Number: G04067	Source of Paleo: OPERATOR	Borehole MD: 7983
Well Name: C001	Paleo Done By: JACK COLLE	Borehole TVD: 7149
API Well Number: 427063016001	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 3350 - 7983	Water Depth: 42
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3350 / 3134	DEF AT first sample examined	DEF AT
3351 / 3135	POS IN Miocene	DEF AT
6650 / 6014	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6800 / 6146	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6980 / 6303	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7100 / 6407	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
7580 / 6821	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
7983 / 7168	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 104	Date of Summary: 18-JUN-1980	First Sample Examined: 3760
Lease Number: G04067	Source of Paleo: OPERATOR	Borehole MD: 10760
Well Name: C002	Paleo Done By: JACK COLLE	Borehole TVD: 9558
API Well Number: 427063016000	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 3760 - 10760	Water Depth: 42
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3760 / 3491	DEF AT first sample examined	DEF AT
3761 / 3491	POS IN Miocene	DEF AT
6770 / 6111	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7100 / 6402	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7730 / 6956	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9440 / 8414	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
10100 / 8987	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
10760 / 9559	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 104	Date of Summary: 25-JUL-1980	First Sample Examined: 3260
Lease Number: G04067	Source of Paleo: OPERATOR	Borehole MD: 6495
Well Name: C003	Paleo Done By: JACK COLLE	Borehole TVD: 5186
API Well Number: 427063016600	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 3260 - 6500	Water Depth: 43
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3260 / 2974	DEF AT first sample examined	DEF AT
3261 / 2974	POS IN Upper (Late) Miocene	DEF AT
6350 / 5325	DEF AT gouge	DEF AT 6
6410 / 5371	DEF AT domal material	DEF AT 6
6500 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 104	Date of Summary: 19-MAR-1981	First Sample Examined: 0
Lease Number: G04067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7511
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 7089
API Well Number: 427063016700	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6311	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7020 / 6669	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
7470 / 7117	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 181	Date of Summary: 15-MAR-1977	First Sample Examined: 1090
Lease Number: G02667	Source of Paleo: OPERATOR	Borehole MD: 13757
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13079
API Well Number: 427064003100	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 1090 - 13757	Water Depth: 48
Public Info Code: Y 28-JUN-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1090 / 1090	DEF AT first sample examined	DEF AT
2050 / 2050	DEF AT Lower Pliocene Zancian Stage	DEF AT
2290 / 2290	DEF AT Lower Pliocene (Zancian) Buliminella 1	DEF AT
3250 / 3242	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6010 / 5856	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6490 / 6311	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
6789 / 6592	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
6790 / 6593	POS AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT
7090 / 6874	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7091 / 6875	DEF AT local marker benthic foram increase	DEF AT
7150 / 6929	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9480 / 9024	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9720 / 9236	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10140 / 9611	POS AT local marker (general)	DEF AT
13320 / 12646	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT
13757 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 209	Date of Summary: 10-MAY-1970	First Sample Examined: 700
Lease Number: G01758	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12600
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12600
API Well Number: 427060014500	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 700 - 12600	Water Depth: 57
Public Info Code: Y 05-NOV-1973	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
700 /	DEF AT first sample examined	DEF AT
1150 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
1350 /	DEF AT local marker foram increase	DEF AT
2700 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
2900 /	DEF AT pyrite	DEF AT
3270 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3330 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3570 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
4990 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
5230 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6460 /	DEF AT local marker benthic foram increase	DEF AT
6640 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
6670 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6820 /	DEF AT local marker benthic foram increase	DEF AT
7030 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7810 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10190 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10489 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10490 /	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
12050 /	DEF AT local marker foram increase	DEF AT
12560 /	DEF AT local marker foram increase	DEF AT
12600 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 209	Date of Summary: 05-NOV-1973	First Sample Examined: 0
Lease Number: G01758	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10610
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10610
API Well Number: 427064001800	Drilling Operator: MITCHELL ENERGY OFFSHORE CORP	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 05-NOV-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8700 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 210	Date of Summary: 10-APR-1970	First Sample Examined: 710
Lease Number: G01759	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14733
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14733
API Well Number: 427060014400	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 710 - 14734	Water Depth: 53
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: N	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
710 /	DEF AT first sample examined	DEF AT 1
711 /	DEF AT pyrite	DEF AT 1
2560 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 1
2620 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
2860 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3400 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3580 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
4180 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5100 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5910 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
6570 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6780 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7230 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
7590 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
7620 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8540 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11304 /	DEF AT local marker planktic foram increase	DEF AT 3
11990 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
12600 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
13110 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
13450 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
13480 /	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 210	Date of Summary: 10-APR-1970	First Sample Examined: 710
Lease Number: G01759	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14733
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14733
API Well Number: 427060014400	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 710 - 14734	Water Depth: 53
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: N	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13719 /	DEF AT Bathysiphon fauna	DEF AT 5
13720 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 5
14559 /	DEF AT local marker foram increase	DEF AT 6
14560 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 6
14680 /	DEF AT local marker foram decrease	DEF AT 6
14734 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 210	Date of Summary: 26-APR-1970	First Sample Examined: 780
Lease Number: G01759	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8467
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8467
API Well Number: 427064001200	Drilling Operator: TEXACO INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 780 - 8460	Water Depth: 45
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
780 /	DEF AT first sample examined	DEF AT
781 /	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
2729 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
2730 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3250 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3670 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4420 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
4630 /	DEF AT pyrite	DEF AT 2
4870 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5140 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5980 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
6470 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
6590 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6921 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7233 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7327 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
7709 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8460 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 212	Date of Summary: 21-OCT-1971	First Sample Examined: 0
Lease Number: 00099	Source of Paleo: PUBLICATION	Borehole MD: 12923
Well Name: B001	Paleo Done By: UNKNOWN	Borehole TVD: 12923
API Well Number: 427060001300	Drilling Operator: PURE TRANSPORTATION COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 05-NOV-1956	Ecozone Eq MMS:	Paleo ID: 001

Remark: From H Kiatta's paper in Transactions, volume 21, October 1971

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6250 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8450 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9500 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10100 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 212	Date of Summary: 13-AUG-1979	First Sample Examined: 4650
Lease Number: G03737	Source of Paleo: OPERATOR	Borehole MD: 10900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10900
API Well Number: 427064005400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4650 - 10890	Water Depth: 56
Public Info Code: Y 21-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4650 /	DEF AT first sample examined	DEF IN 2
5970 /	DEF AT - - - - -	DEF AT 3
6450 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7740 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8400 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8520 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9840 /	DEF AT - - - - -	DEF AT 4
10680 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10890 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 227	Date of Summary: 21-DEC-1971	First Sample Examined: 8468
Lease Number: G01768	Source of Paleo: OPERATOR	Borehole MD: 11582
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11226
API Well Number: 427064000200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 54
Paleo Report Num: 1 of 2	Sample Range: 8468 - 11581	Water Depth: 54
Public Info Code: Y 25-SEP-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8468 / 8468	DEF AT first sample examined	DEF AT 2
8557 / 8557	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9005 / 9005	DEF AT - - - -	DEF AT 1
9179 / 9179	DEF AT sample gap top	POS AT 1
9537 / 9537	DEF AT sample gap bottom	DEF AT 1
10470 / 10448	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 1
10751 / 10683	DEF AT - - - -	DEF AT 2
11410 / 11136	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
11581 / 11226	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 227	Date of Summary: 05-SEP-1973	First Sample Examined: 0
Lease Number: G01768	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12149
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10915
API Well Number: 427064001600	Drilling Operator: MITCHELL ENERGY OFFSHORE CORP	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 25-SEP-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9050 / 8130	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10100 / 9087	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11820 / 10609	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 239	Date of Summary: 18-MAR-1969	First Sample Examined: 3040
Lease Number: G01769	Source of Paleo: OPERATOR	Borehole MD: 12864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12700
API Well Number: 427060014100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 3040 - 12850	Water Depth: 51
Public Info Code: Y 28-MAY-1971	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3040 / 3040	DEF AT first sample examined	DEF AT
3700 / 3699	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5870 / 5868	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7340 / 7337	DEF AT deepwater facies Harang	DEF AT
7790 / 7787	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8030 / 8027	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8793 / 8790	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9386 / 9383	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11060 / 11056	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12850 / 12844	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 241	Date of Summary: 10-APR-1970	First Sample Examined: 700
Lease Number: G01772	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10500
API Well Number: 427060014000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 700 - 10510	Water Depth: 58
Public Info Code: Y 19-MAR-1971	Ecozone Eq MMS:	Paleo ID: 002

Remark: 9910=Siphogenerina lamellata

MD / TVD	Paleo Top Description	Ecozone
700 /	DEF AT first sample examined	DEF AT
2110 /	DEF AT local marker foram increase	DEF AT
2140 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
2380 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
2410 /	DEF AT pyrite	DEF AT
2560 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2680 /	POS AT local marker foram increase	DEF AT
2710 /	DEF AT pyrite	DEF AT
3310 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3610 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
3970 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
4930 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
5590 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7030 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7120 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7840 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8170 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8230 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
8530 /	DEF AT pyrite	DEF AT
8680 /	POS IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
8740 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9730 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 241	Date of Summary: 10-APR-1970	First Sample Examined: 700
Lease Number: G01772	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10500
API Well Number: 427060014000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 2	Sample Range: 700 - 10510	Water Depth: 58
Public Info Code: Y 19-MAR-1971	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9910 /	DEF AT local marker benthic foram increase	DEF AT
10330 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
10510 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 241	Date of Summary: 24-NOV-1982	First Sample Examined: 3860
Lease Number: G04846	Source of Paleo: OPERATOR	Borehole MD: 10607
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10601
API Well Number: 427064008800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3860 - 10620	Water Depth: 60
Public Info Code: Y 26-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3860 /	DEF AT first sample examined	DEF IN 2
3920 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6950 /	DEF AT sample gap top	POS AT 2
7140 /	DEF AT sample gap bottom	DEF AT 2
7170 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7680 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8250 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9660 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10200 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
10470 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10620 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 241	Date of Summary: 30-DEC-1982	First Sample Examined: 3370
Lease Number: G04846	Source of Paleo: OPERATOR	Borehole MD: 10126
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9812
API Well Number: 427064009300	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3370 - 10090	Water Depth: 60
Public Info Code: Y 26-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3370	DEF AT first sample examined	DEF IN 2
5020 / 5020	DEF AT sample gap top	POS IN 2
5320 / 5320	DEF AT sample gap bottom	DEF IN 2
6400 / 6399	DEF AT faunal change (no faunal increase)	DEF AT 3
7240 / 7205	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8460 / 8308	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8730 / 8552	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
8880 / 8689	DEF AT faunal change (no faunal increase)	DEF AT 4
10090 / 9780	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 241	Date of Summary: 04-FEB-1983	First Sample Examined: 3350
Lease Number: G04846	Source of Paleo: OPERATOR	Borehole MD: 7946
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7757
API Well Number: 427064009500	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3350 - 7896	Water Depth: 62
Public Info Code: Y 26-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 3350	DEF AT first sample examined	DEF IN 2
6530 / 6350	DEF AT faunal change (no faunal increase)	DEF AT 3
6650 / 6468	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7220 / 7033	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7810 / 7622	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7896 / 7708	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 254	Date of Summary: 28-DEC-1970	First Sample Examined: 6495
Lease Number: G01776	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11998
API Well Number: 427063002900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 6495 - 12000	Water Depth: 60
Public Info Code: Y 28-MAY-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6495 /	DEF AT first sample examined	DEF AT
7240 /	POS AT deepwater facies Harang	DEF AT
7480 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8369 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8760 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10190 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10390 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
11650 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
12000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 255	Date of Summary: 18-MAY-1973	First Sample Examined: 0
Lease Number: G01772	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13255
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 11245
API Well Number: 427064001500	Drilling Operator: VALERO ENERGY CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 15-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5381 / 4640	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5961 / 5085	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6720 / 5620	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7747 / 6402	DEF AT local marker benthic foram increase	DEF AT
10340 / 8549	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11930 / 9942	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 255	Date of Summary: 10-MAY-1978	First Sample Examined: 0
Lease Number: G01773	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13339
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 11395
API Well Number: 427064001700	Drilling Operator: VALERO ENERGY CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 25-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 2619	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4680 / 3805	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5070 / 4096	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5550 / 4447	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8680 / 6940	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10720 / 8782	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11897 / 9951	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 255	Date of Summary: 23-SEP-1970	First Sample Examined: 5400
Lease Number: G01777	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14500
Well Name: A002	Paleo Done By: LEE LATTA	Borehole TVD: 14500
API Well Number: 427063002300	Drilling Operator: VALERO ENERGY CORPORATION	Rkb Elevation: 58
Paleo Report Num: 1 of 2	Sample Range: 5400 - 14500	Water Depth: 61
Public Info Code: Y 23-JUL-1972	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
5400 /	DEF AT first sample examined	DEF AT 2
5401 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6690 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6780 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6990 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
7200 /	DEF AT deepwater facies Harang	DEF AT 4
8020 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
8050 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
8110 /	DEF AT local marker planktic foram increase	DEF AT 4
8320 /	DEF AT local marker planktic foram increase	DEF AT 4
8740 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9940 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
11050 /	DEF AT sample gap top	POS AT 4
11679 /	DEF AT sample gap bottom	DEF AT 4
11680 /	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
11681 /	POS IN Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 4
13420 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13750 /	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
13990 /	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
14500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 257	Date of Summary: 23-DEC-1982	First Sample Examined: 1030
Lease Number: G05004	Source of Paleo: OPERATOR	Borehole MD: 10741
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9647
API Well Number: 427064009000	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 1030 - 10720	Water Depth: 55
Public Info Code: Y 08-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF IN 1
2530 / 2530	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2980 / 2980	DEF AT - - - -	DEF AT 3
3220 / 3220	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3640 / 3640	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4660 / 4644	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5080 / 5030	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5710 / 5566	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6460 / 6158	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8020 / 7435	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8350 / 7707	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8950 / 8198	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10720 / 9630	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 271	Date of Summary: 03-JAN-1985	First Sample Examined: 0
Lease Number: G06096	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6654
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6495
API Well Number: 427064011000	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 24-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3100	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4600 / 4597	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5500 / 5453	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6400 / 6264	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 283	Date of Summary: 29-JAN-1969	First Sample Examined: 3030
Lease Number: G01781	Source of Paleo: OPERATOR	Borehole MD: 12394
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12394
API Well Number: 427060013900	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 3030 - 12370	Water Depth: 63
Public Info Code: Y 25-MAY-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT
7150 /	DEF AT deepwater facies Harang	DEF AT
7660 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7840 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9130 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11210 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
11890 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11950 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12370 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 289	Date of Summary: 20-FEB-1970	First Sample Examined: 10060
Lease Number: G01783	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12092
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 12092
API Well Number: 427063001800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 10060 - 12093	Water Depth: 65
Public Info Code: Y 31-DEC-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10060 /	DEF AT first sample examined	DEF AT
10410 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
10411 /	DEF AT deepwater facies Harang	DEF AT
10920 /	DEF IN deepwater facies Harang	DEF AT
11510 /	DEF AT local marker planktic foram increase	DEF AT
11659 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
11660 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11720 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
11810 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
12093 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 296	Date of Summary: 25-JAN-1972	First Sample Examined: 9310
Lease Number: 00714	Source of Paleo: OPERATOR	Borehole MD: 12240
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 12005
API Well Number: 427060013201	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9310 - 12240	Water Depth: 70
Public Info Code: Y 22-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9310 / 9081	DEF AT first sample examined	DEF AT
9736 / 9507	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12240 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 301	Date of Summary: 21-DEC-1982	First Sample Examined: 4550
Lease Number: G04563	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13000
API Well Number: 427064007200	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 4550 - 13000	Water Depth: 105
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 /	DEF AT first sample examined	DEF AT 3
4880 /	DEF AT - - - - -	DEF AT 2
6000 /	DEF AT poor sample interval top	DEF AT 2
6110 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7300 /	DEF AT poor sample interval bottom	DEF AT 3
7760 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
8090 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
8120 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9320 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
9530 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
11600 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 5
12140 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 5
12950 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
13000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 301	Date of Summary: 31-OCT-1984	First Sample Examined: 4550
Lease Number: G04563	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13000
API Well Number: 427064007200	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 4550 - 13000	Water Depth: 105
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 /	DEF AT first sample examined	DEF AT 1
4551 /	DEF AT poor sample interval top	DEF AT 1
4700 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5150 /	POS AT local marker foram increase	DEF AT 1
6140 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7160 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7460 /	DEF AT - - - -	DEF AT 2
7790 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8120 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8300 /	DEF AT local marker planktic foram increase	DEF AT 3
9499 /	DEF AT local marker planktic foram increase	DEF AT 3
9500 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10010 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
11240 /	DEF AT local marker foram decrease	DEF AT 3
12140 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
12680 /	DEF AT local marker planktic foram increase	DEF AT 2
12950 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12980 /	DEF IN poor sample interval bottom	DEF AT 3
13000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 304	Date of Summary: 20-DEC-1985	First Sample Examined: 0
Lease Number: G04566	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8895
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8463
API Well Number: 427064012900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6600 / 6403	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6750 / 6536	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7830 / 7498	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8580 / 8178	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 322	Date of Summary: 21-AUG-1981	First Sample Examined: 7026
Lease Number: 00716	Source of Paleo: OPERATOR	Borehole MD: 9645
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8779
API Well Number: 427064006500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 7026 - 9555	Water Depth: 71
Public Info Code: Y 25-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7026 / 6864	DEF AT first sample examined	DEF AT
8576 / 8005	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9555 / 8711	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 329	Date of Summary: 17-MAY-1985	First Sample Examined: 1000
Lease Number: G07247	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 427064012200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9900	Water Depth: 69
Public Info Code: Y 29-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
2380 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2500 /	DEF AT pyrite	DEF AT 2
2620 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
2740 /	DEF AT local marker foram increase	DEF AT 2
2790 /	DEF AT shell fragments	DEF AT 2
2820 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
2940 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3100 /	DEF AT - - - - -	DEF AT 1
3280 /	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 1
3340 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
3400 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
3500 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4120 /	DEF AT shell fragments	DEF AT 1
4360 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4680 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
4980 /	DEF AT - - - - -	DEF AT 2
5160 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
5220 /	DEF AT local marker foram increase	DEF AT 2
5520 /	DEF AT sand	DEF AT 2
5550 /	DEF AT reworked material	DEF AT 2
5670 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 329	Date of Summary: 17-MAY-1985	First Sample Examined: 1000
Lease Number: G07247	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 427064012200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9900	Water Depth: 69
Public Info Code: Y 29-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6420 /	DEF AT reworked material	DEF AT 2
6990 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
7080 /	DEF AT - - - - -	DEF AT 3
7420 /	DEF AT - - - - -	DEF AT 4
7960 /	DEF AT - - - - -	DEF AT 3
8079 /	DEF AT cement	DEF AT 3
8080 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
8679 /	DEF AT foram flood	DEF AT 3
8680 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
9460 /	DEF AT local marker foram increase	DEF AT 3
9520 /	DEF AT foram flood	DEF AT 3
9670 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9671 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
9900 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 351	Date of Summary: 07-DEC-1970	First Sample Examined: 940
Lease Number: G01794	Source of Paleo: OPERATOR	Borehole MD: 12523
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12523
API Well Number: 427063002800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 940 - 12523	Water Depth: 80
Public Info Code: Y 26-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
940 /	DEF AT first sample examined	DEF AT
3280 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4600 /	DEF AT sample gap top	DEF AT
4960 /	DEF AT sample gap bottom	DEF AT
5080 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5830 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6340 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7060 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7870 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
7960 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9940 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
12420 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12523 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 351	Date of Summary: 06-MAR-1972	First Sample Examined: 4950
Lease Number: G01794	Source of Paleo: OPERATOR	Borehole MD: 10005
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10005
API Well Number: 427064001100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 4950 - 10006	Water Depth: 81
Public Info Code: Y 26-JUN-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4950 /	DEF AT first sample examined	DEF AT
4980 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5610 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6540 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7650 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7740 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
8700 /	DEF AT Eggerella sp. (local marker)	DEF AT
8730 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
8760 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
8880 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
8940 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9180 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
9766 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
9990 /	DEF AT local marker planktic foram increase	DEF AT
10006 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 352	Date of Summary: 10-MAY-1984	First Sample Examined: 0
Lease Number: G03943	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14369
API Well Number: 427064010500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4390 / 4390	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6220 / 6220	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7510 / 7510	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8470 / 8470	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11380 / 11376	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 353	Date of Summary: 15-OCT-1982	First Sample Examined: 2870
Lease Number: G04068	Source of Paleo: OPERATOR	Borehole MD: 15274
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15270
API Well Number: 427064008500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2870 - 15260	Water Depth: 86
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2870 / 2870	DEF AT first sample examined	DEF AT
5060 / 5060	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6090 / 6090	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11540 / 11537	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13470 / 13467	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
15260 / 15256	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 355	Date of Summary: 01-SEP-1970	First Sample Examined: 3265
Lease Number: G01796	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 427063002600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 3265 - 13500	Water Depth: 88
Public Info Code: Y 28-MAY-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3265 /	DEF AT first sample examined	DEF AT
3840 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5210 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6560 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7430 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7850 /	DEF AT local marker (general)	DEF AT
9110 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
11960 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12380 /	DEF AT local marker (general)	DEF AT
13500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 363	Date of Summary: 27-MAY-1969	First Sample Examined: 3032
Lease Number: 00722	Source of Paleo: OPERATOR	Borehole MD: 10764
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10764
API Well Number: 427060007100	Drilling Operator: TEXACO INC	Rkb Elevation: 47
Paleo Report Num: 1 of 2	Sample Range: 3032 - 10764	Water Depth: 72
Public Info Code: Y 28-APR-1965	Ecozone Eq MMS: Y	Paleo ID: 005

Remark:

MD / TVD	Paleo Top Description	Ecozone
3032 /	DEF AT first sample examined	DEF AT 1
3752 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4152 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4872 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6233 /	POS AT unconformity	DEF AT 1
6312 /	DEF AT local marker benthic foram increase	DEF AT 1
6632 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 1
6952 /	DEF AT - - - -	DEF AT 2
7752 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7832 /	DEF AT - - - -	DEF AT 2
8000 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
8190 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
8510 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8830 /	POS AT unconformity	DEF AT 3
9030 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9811 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10091 /	DEF AT - - - -	DEF AT 2
10764 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 381	Date of Summary: 11-JUN-1984	First Sample Examined: 790
Lease Number: G02338	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8225
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 8225
API Well Number: 427064002000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 790 - 8220	Water Depth: 84
Public Info Code: Y 29-JUL-1976	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
790 /	DEF AT first sample examined	DEF AT
791 /	DEF AT cement	DEF AT
2050 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 2
2170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3130 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4360 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4540 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4720 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
5229 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
5230 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5950 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
6940 /	DEF AT local marker foram increase	POS AT 2
7300 /	DEF AT Cyclammina sp. (local marker)	POS AT 2
7960 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
8220 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 385	Date of Summary: 01-MAR-1979	First Sample Examined: 300
Lease Number: 00724	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9005
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9005
API Well Number: 427060003400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 34
Paleo Report Num: 1 of 2	Sample Range: 300 - 9000	Water Depth: 90
Public Info Code: Y 30-APR-1962	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF AT 2
2989 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2990 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3200 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3800 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3970 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4420 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4870 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6010 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6340 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7360 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
7600 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8480 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 389	Date of Summary: 16-JAN-1973	First Sample Examined: 3000
Lease Number: 00725	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13000
API Well Number: 427060004100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 55
Paleo Report Num: 1 of 4	Sample Range: 3000 - 8000	Water Depth: 96
Public Info Code: Y 24-APR-1963	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF IN 2
3001 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
3002 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
3090 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
3210 /	DEF AT local marker planktic foram increase	DEF AT 3
3540 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
3660 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
3959 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3960 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5010 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
5250 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5640 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5760 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
5970 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6450 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
6720 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7180 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
7450 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7689 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
7690 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 3
7930 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
8000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 389	Date of Summary: 29-JAN-1973	First Sample Examined: 3700
Lease Number: 00725	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13000
API Well Number: 427060004100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 55
Paleo Report Num: 2 of 4	Sample Range: 3700 - 13000	Water Depth: 96
Public Info Code: Y 24-APR-1963	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 /	DEF AT first sample examined	DEF AT 2
3701 /	POS IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 2
3850 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3910 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
4270 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5290 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
5650 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6570 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7500 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
7530 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8100 /	DEF AT local marker planktic foram increase	DEF AT 4
8220 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
8550 /	DEF AT local marker planktic foram increase	DEF AT 4
8730 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8970 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
9480 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
9600 /	DEF AT local marker (general)	DEF AT 4
9840 /	DEF AT local marker (general)	DEF AT 4
10740 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10741 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11420 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
11809 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 389	Date of Summary: 29-JAN-1973	First Sample Examined: 3700
Lease Number: 00725	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13000
API Well Number: 427060004100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 55
Paleo Report Num: 2 of 4	Sample Range: 3700 - 13000	Water Depth: 96
Public Info Code: Y 24-APR-1963	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11810 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
12170 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
12380 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
12980 /	DEF AT local marker deep water fauna	DEF AT 6
13000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 391	Date of Summary: 08-JAN-1973	First Sample Examined: 500
Lease Number: 00727	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11850
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11850
API Well Number: 427060002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 500 - 11840	Water Depth: 93
Public Info Code: Y 26-APR-1962	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF IN 1
871 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
902 /	DEF AT faunal change (no faunal increase)	DEF IN 1
1182 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
1244 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1275 /	DEF AT local marker foram decrease	DEF IN 1
2207 /	POS AT local marker foram increase	DEF AT 2
2268 /	DEF AT faunal change (no faunal increase)	DEF IN 1
2352 /	POS AT local marker foram increase	DEF AT 2
2383 /	DEF AT local marker foram decrease	DEF IN 1
2752 /	DEF AT local marker foram increase	DEF IN 1
2876 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2907 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
2969 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3030 /	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 2
3031 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
3370 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 2
3463 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
3650 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3701 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3740 /	DEF AT local marker foram decrease	DEF AT 2
3980 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 391	Date of Summary: 08-JAN-1973	First Sample Examined: 500
Lease Number: 00727	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11850
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11850
API Well Number: 427060002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 500 - 11840	Water Depth: 93
Public Info Code: Y 26-APR-1962	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
4070 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4133 /	POS AT local marker foram decrease	DEF AT 2
4637 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
4755 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
4815 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
4847 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF IN 2
4941 /	DEF AT local marker foram decrease	DEF AT 2
5130 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5191 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5258 /	DEF AT limestone	DEF AT 2
5350 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5410 /	DEF AT local marker foram increase	DEF AT 2
5530 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5650 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 2
5680 /	DEF AT local marker foram decrease	DEF AT 2
5750 /	DEF AT sample gap top	POS AT 2
5899 /	DEF AT sample gap bottom	DEF AT 2
5900 /	DEF AT limestone	DEF AT 2
5960 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
6019 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
6020 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
6050 /	DEF AT local marker foram decrease	DEF IN 2
6290 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
6650 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 391	Date of Summary: 08-JAN-1973	First Sample Examined: 500
Lease Number: 00727	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11850
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11850
API Well Number: 427060002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 500 - 11840	Water Depth: 93
Public Info Code: Y 26-APR-1962	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6740 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
6860 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6920 /	DEF AT local marker foram decrease	DEF AT 2
7370 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
7580 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
7640 /	DEF AT limestone	DEF AT 2
8190 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
8370 /	DEF AT Cyclamina sp. (local marker)	DEF IN 2
8460 /	DEF AT local marker foram decrease	DEF AT 2
8670 /	DEF AT local marker foram increase	DEF AT 2
8671 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8730 /	DEF AT local marker planktic foram increase	DEF IN 2
8760 /	DEF AT local marker foram decrease	DEF AT 2
8820 /	DEF AT local marker planktic foram increase	DEF AT 3
8850 /	DEF AT local marker foram decrease	DEF IN 2
8880 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
8940 /	DEF AT foram flood	DEF AT 3
8969 /	DEF AT cement	DEF AT 2
8970 /	DEF AT local marker foram decrease	DEF AT 2
9442 /	DEF AT local marker foram increase	DEF IN 2
9780 /	DEF AT local marker planktic foram increase	DEF IN 2
9810 /	DEF AT local marker foram decrease	DEF IN 2
9870 /	DEF AT sample gap top	DEF AT
10020 /	DEF AT sample gap bottom	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 391	Date of Summary: 08-JAN-1973	First Sample Examined: 500
Lease Number: 00727	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11850
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11850
API Well Number: 427060002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 500 - 11840	Water Depth: 93
Public Info Code: Y 26-APR-1962	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
10050 /	DEF AT local marker foram increase	DEF IN 2
10184 /	POS AT Bathysiphon fauna	DEF IN 2
10280 /	DEF AT local marker foram increase	DEF IN 2
10340 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
10490 /	DEF AT local marker foram decrease	DEF IN 2
10639 /	DEF AT local marker planktic foram increase	DEF AT 3
10640 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
10670 /	DEF AT local marker foram decrease	DEF IN 2
10760 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
10790 /	DEF AT local marker foram decrease	DEF IN 2
11180 /	DEF AT local marker foram increase	DEF AT 3
11210 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11240 /	POS AT local marker foram decrease	DEF IN 3
11325 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11355 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11385 /	POS AT Bathysiphon fauna	DEF AT 3
11415 /	DEF AT local marker foram decrease	DEF IN 2
11475 /	DEF AT cement	DEF IN 2
11535 /	POS AT local marker foram increase	DEF AT 3
11564 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11565 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
11745 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11750 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11780 /	DEF AT faunal change (no faunal increase)	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 391	Date of Summary: 08-JAN-1973	First Sample Examined: 500
Lease Number: 00727	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11850
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11850
API Well Number: 427060002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 2	Sample Range: 500 - 11840	Water Depth: 93
Public Info Code: Y 26-APR-1962	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11840 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 392	Date of Summary: 15-JAN-1974	First Sample Examined: 0
Lease Number: G02339	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8100
API Well Number: 427064002100	Drilling Operator: MITCHELL ENERGY OFFSHORE CORP	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3980 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4640 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5510 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5990 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6770 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 420	Date of Summary: 04-SEP-1980	First Sample Examined: 3030
Lease Number: G03742	Source of Paleo: OPERATOR	Borehole MD: 9580
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9580
API Well Number: 427064006100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3030 - 9590	Water Depth: 98
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT 2
3031 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3090 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3420 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3720 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4620 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5640 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6060 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7070 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8810 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
9590 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 427	Date of Summary: 29-OCT-1969	First Sample Examined: 3060
Lease Number: G01802	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11950
API Well Number: 427063001000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 3060 - 12000	Water Depth: 104
Public Info Code: Y 25-MAY-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3060 / 3060	DEF AT first sample examined	DEF AT
3450 / 3450	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3780 / 3780	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4890 / 4890	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5880 / 5880	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7590 / 7589	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
12000 / 11950	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 427	Date of Summary: 18-MAR-1982	First Sample Examined: 0
Lease Number: G04570	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7862
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7861
API Well Number: 427064006800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4380 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6060 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6360 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7320 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 428	Date of Summary: 13-JUN-1985	First Sample Examined: 0
Lease Number: G07253	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7999
API Well Number: 427064012300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 101
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4760 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5610 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6210 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7230 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 428	Date of Summary: 30-APR-1986	First Sample Examined: 7460
Lease Number: G07253	Source of Paleo: OPERATOR	Borehole MD: 10874
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10872
API Well Number: 427064012400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4520 - 10874	Water Depth: 106
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7460 /	DEF AT first sample examined	DEF AT 3
7670 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7820 /	DEF AT -----	DEF AT 2
8240 /	DEF AT -----	DEF AT 3
8960 /	DEF AT -----	DEF AT 2
9230 /	DEF AT -----	DEF AT 3
10010 /	DEF AT -----	DEF AT 2
10874 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 460	Date of Summary: 25-OCT-1970	First Sample Examined: 700
Lease Number: G01805	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9600
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9600
API Well Number: 427063002400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 700 - 9600	Water Depth: 105
Public Info Code: Y 04-JUN-1971	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
700 /	DEF AT first sample examined	DEF AT
2680 /	POS IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
2920 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
3160 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
3340 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
3520 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4000 /	DEF AT sample gap top	DEF AT
4599 /	DEF AT sample gap bottom	DEF AT
4600 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4630 /	DEF AT pyrite	DEF AT
4840 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
4870 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4900 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5170 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT
5439 /	DEF AT ash	DEF AT
5440 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT
5530 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5800 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6130 /	DEF AT ash	DEF AT
6160 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
6550 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
6639 /	DEF AT pyrite	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA 460	Date of Summary: 25-OCT-1970	First Sample Examined: 700
Lease Number: G01805	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9600
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9600
API Well Number: 427063002400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 700 - 9600	Water Depth: 105
Public Info Code: Y 04-JUN-1971	Ecozone Eq MMS:	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
6640 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6940 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
7270 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7470 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
8010 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
8130 /	DEF AT Eggerella sp. (local marker)	DEF AT
8280 /	DEF AT local marker planktic foram increase	DEF AT
8969 /	DEF AT ash	DEF AT
8970 /	DEF AT Bathysiphon fauna	DEF AT
9570 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 3	Date of Summary: 13-JUL-1983	First Sample Examined: 1260
Lease Number: G05179	Source of Paleo: OPERATOR	Borehole MD: 14626
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14609
API Well Number: 427064009700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1260 - 14626	Water Depth: 76
Public Info Code: Y 01-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1260 / 1260	DEF AT first sample examined	DEF AT
3180 / 3180	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3720 / 3720	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
4020 / 4020	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
4110 / 4110	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4530 / 4530	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5070 / 5070	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5130 / 5130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6690 / 6690	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
7350 / 7350	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7500 / 7500	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7770 / 7770	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
13619 / 13612	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
13620 / 13613	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
14400 / 14385	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
14626 / 14608	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 35	Date of Summary: 14-DEC-1982	First Sample Examined: 4730
Lease Number: G04723	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12018
API Well Number: 427064009100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4730 - 14500	Water Depth: 101
Public Info Code: Y 30-AUG-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 4516	DEF AT first sample examined	DEF AT
5970 / 5516	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7020 / 6372	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9370 / 8220	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
14500 / 12019	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 40	Date of Summary: 20-OCT-1967	First Sample Examined: 610
Lease Number: 00738	Source of Paleo: OPERATOR	Borehole MD: 8100
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8100
API Well Number: 427060003800	Drilling Operator: CONOCO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 610 - 8100	Water Depth: 114
Public Info Code: Y 27-APR-1961	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
610 /	DEF AT first sample examined	DEF AT 3
2946 /	DEF AT sample gap top	POS AT 3
3013 /	DEF AT sample gap bottom	DEF AT 3
3014 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
3015 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3724 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4620 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
7260 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
8032 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
8100 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 54	Date of Summary: 01-MAR-1978	First Sample Examined: 360
Lease Number: G03231	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10997
API Well Number: 427064003000	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 360 - 9530	Water Depth: 124
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 9020=Dularge fauna

MD / TVD	Paleo Top Description	Ecozone
360 /	DEF AT first sample examined	DEF AT 1
630 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
720 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
780 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2130 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2400 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2610 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
2640 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2790 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
2820 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3150 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
3151 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
3440 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
3470 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4040 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4370 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4460 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
4970 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
5330 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5810 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
6050 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6200 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 54	Date of Summary: 01-MAR-1978	First Sample Examined: 360
Lease Number: G03231	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10997
API Well Number: 427064003000	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 360 - 9530	Water Depth: 124
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6260 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 2
6770 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7070 /	DEF AT pyrite	DEF AT 3
7160 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
7220 /	DEF AT gray shale	DEF AT 3
7580 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
7610 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
7850 /	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
8360 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8900 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9020 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
9170 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
9530 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 70	Date of Summary: 15-NOV-1983	First Sample Examined: 400
Lease Number: G02669	Source of Paleo: OPERATOR	Borehole MD: 5925
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5925
API Well Number: 427064002900	Drilling Operator: MOBIL PRODUCING TEXAS & NEW ME	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 400 - 5830	Water Depth: 139
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
400 /	DEF AT first sample examined	POS AT 2
460 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
490 /	DEF AT - - - - -	DEF AT 1
880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
881 /	POS AT unconformity	DEF AT 1
1960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
1961 /	POS AT unconformity	DEF AT 1
3189 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3190 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 1
3519 /	POS AT unconformity	DEF AT 2
3520 /	DEF AT local marker foram increase	DEF AT 2
3790 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
3940 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 2
3970 /	DEF AT - - - - -	DEF AT 3
4090 /	DEF AT - - - - -	DEF AT 2
4810 /	DEF AT - - - - -	DEF AT 3
4870 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5799 /	POS AT unconformity	DEF AT 4
5800 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
5830 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 84	Date of Summary: 13-OCT-1969	First Sample Examined: 750
Lease Number: G01807	Source of Paleo: OPERATOR	Borehole MD: 14939
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14939
API Well Number: 427060014700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 1 of 3	Sample Range: 750 - 14940	Water Depth: 112
Public Info Code: Y 27-DEC-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
750 /	DEF AT first sample examined	DEF AT
3000 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
4110 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5190 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6300 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
7020 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9470 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
9620 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13010 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14940 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 84	Date of Summary: 01-MAY-1978	First Sample Examined: 750
Lease Number: G01807	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14939
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14939
API Well Number: 427060014700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 3	Sample Range: 750 - 14940	Water Depth: 112
Public Info Code: Y 27-DEC-1973	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
750 /	DEF AT first sample examined	DEF IN 2
1289 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1290 /	DEF AT local marker foram increase	DEF AT 2
2820 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3000 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
3030 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
3270 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3690 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
3780 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
4110 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4560 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
4710 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5160 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5490 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6539 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
6540 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6570 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
6900 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7230 /	DEF AT Eggerella sp. (local marker)	DEF IN 3
7410 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
7590 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF IN 3
7620 /	DEF IN Upper Miocene (Tortonian) Bigenerina 2	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 84	Date of Summary: 01-MAY-1978	First Sample Examined: 750
Lease Number: G01807	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14939
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14939
API Well Number: 427060014700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 3	Sample Range: 750 - 14940	Water Depth: 112
Public Info Code: Y 27-DEC-1973	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9230 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9380 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9620 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
10420 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10720 /	DEF AT gray shale	DEF AT 4
11170 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
12260 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
12320 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12980 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
13400 /	DEF AT local marker deep water fauna	DEF IN 4
14520 /	DEF AT local marker deep water fauna	DEF AT 5
14940 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 84	Date of Summary: 18-APR-1972	First Sample Examined: 3820
Lease Number: G01807	Source of Paleo: OPERATOR	Borehole MD: 10335
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10335
API Well Number: 427064001000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3820 - 10335	Water Depth: 112
Public Info Code: Y 27-DEC-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3820 /	DEF AT first sample examined	DEF AT
3821 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5020 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6910 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10335 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 115	Date of Summary: 20-FEB-1986	First Sample Examined: 0
Lease Number: G06127	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 427074007300	Drilling Operator: OXY USA INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
9025 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 118	Date of Summary: 28-AUG-1974	First Sample Examined: 230
Lease Number: G02671	Source of Paleo: OPERATOR	Borehole MD: 12540
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12540
API Well Number: 427074000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 230 - 12540	Water Depth: 150
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
230 /	DEF AT first sample examined	DEF AT 2
550 /	DEF AT - - - - -	DEF AT 1
1420 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1660 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
1780 /	DEF AT - - - - -	DEF AT 1
2140 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
2620 /	DEF AT - - - - -	DEF AT 1
2740 /	DEF AT - - - - -	DEF AT 2
2830 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
3160 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3520 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
3610 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
4150 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4510 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
4870 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
5050 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
5170 /	DEF AT - - - - -	DEF AT 3
5290 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
5375 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
5470 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
5590 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 118	Date of Summary: 28-AUG-1974	First Sample Examined: 230
Lease Number: G02671	Source of Paleo: OPERATOR	Borehole MD: 12540
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12540
API Well Number: 427074000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 230 - 12540	Water Depth: 150
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5680 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5860 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
6010 /	DEF AT limestone	DEF AT 3
6550 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6730 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
8265 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8355 /	POS AT anhydrite	DEF AT 3
8380 /	POS AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT 3
8560 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8620 /	DEF AT - - - - -	DEF AT 5
8775 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8776 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
8870 /	DEF AT - - - - -	DEF AT 3
8958 /	DEF AT oxidized shale	DEF AT 3
8959 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
9070 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
9250 /	DEF AT Bathysiphon fauna	DEF AT 3
9460 /	POS AT anhydrite	DEF AT 3
9543 /	DEF AT limestone	DEF AT 3
9690 /	DEF AT anhydrite	DEF AT 3
10050 /	DEF AT - - - - -	DEF AT 4
10270 /	DEF AT sandstone	DEF AT 4
10630 /	DEF AT - - - - -	DEF AT 3
10695 /	DEF AT limestone	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 118	Date of Summary: 28-AUG-1974	First Sample Examined: 230
Lease Number: G02671	Source of Paleo: OPERATOR	Borehole MD: 12540
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12540
API Well Number: 427074000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 230 - 12540	Water Depth: 150
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 /	DEF AT sandstone	DEF AT 3
10901 /	POS AT anhydrite	DEF AT 3
11675 /	DEF AT pyrite	DEF AT 3
11805 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
11806 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
11807 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12000 /	DEF AT sandstone	DEF AT 4
12230 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12540 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 130	Date of Summary: 19-MAY-1978	First Sample Examined: 0
Lease Number: G02341	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3976
API Well Number: 427074000200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 11-AUG-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2350 / 2322	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3130 / 3100	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 130	Date of Summary: 10-AUG-1978	First Sample Examined: 2554
Lease Number: G02341	Source of Paleo: OPERATOR	Borehole MD: 4594
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4594
API Well Number: 427074002800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 2554 - 4593	Water Depth: 172
Public Info Code: Y 11-AUG-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2554 /	DEF AT first sample examined	POS AT 3
2555 /	DEF AT cement	POS AT 3
2617 /	DEF AT - - - - -	DEF AT 3
2713 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3090 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
3153 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3405 /	DEF AT - - - - -	DEF AT 3
4593 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 133	Date of Summary: 07-DEC-1978	First Sample Examined: 2080
Lease Number: G02343	Source of Paleo: OPERATOR	Borehole MD: 4024
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4024
API Well Number: 427074003600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 2080 - 4024	Water Depth: 160
Public Info Code: Y 05-DEC-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2080 /	DEF AT first sample examined	DEF AT 2
2081 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
2490 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
2494 /	DEF AT - - - - -	DEF AT 3
2940 /	DEF AT local marker benthic foram increase	DEF AT 4
2999 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3210 /	DEF AT - - - - -	DEF AT 3
3930 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
4024 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 133	Date of Summary: 20-SEP-1978	First Sample Examined: 990
Lease Number: G02343	Source of Paleo: OPERATOR	Borehole MD: 5010
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5010
API Well Number: 427074003400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 990 - 5010	Water Depth: 166
Public Info Code: Y 05-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
990 /	DEF AT first sample examined	DEF AT
1050 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1410 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1899 /	DEF AT glauconite	DEF AT 3
1900 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
1990 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
2560 /	DEF AT poor sample interval top	POS AT 3
2879 /	DEF AT poor sample interval bottom	DEF AT 3
2890 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3410 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3550 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3650 /	DEF AT poor sample interval top	POS AT 3
4360 /	DEF AT - - - -	DEF AT 3
4792 /	DEF AT poor sample interval bottom	DEF AT 4
4855 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 4
5010 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 133	Date of Summary: 20-SEP-1978	First Sample Examined: 3190
Lease Number: G02343	Source of Paleo: OPERATOR	Borehole MD: 6182
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5660
API Well Number: 427074003401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 3190 - 6182	Water Depth: 160
Public Info Code: Y 05-DEC-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3190 / 3182	DEF AT first sample examined	DEF AT 3
3191 / 3183	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3430 / 3411	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3639 / 3607	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3640 / 3608	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3930 / 3872	DEF AT - - - - -	DEF AT 3
5340 / 5002	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5730 / 5299	DEF AT - - - - -	DEF AT 5
5919 / 5449	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5920 / 5450	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6182 / 5660	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 134	Date of Summary: 28-JUN-1974	First Sample Examined: 0
Lease Number: G02344	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7359
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7359
API Well Number: 427074000800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 167
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 152	Date of Summary: 01-MAY-1980	First Sample Examined: 0
Lease Number: G02345	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9506
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9506
API Well Number: 427074000500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 174
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3620 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7670 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 155	Date of Summary: 23-APR-1980	First Sample Examined: 0
Lease Number: G04071	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6284
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6284
API Well Number: 427074005200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5320 /	DEF AT -----	DEF AT 4
5530 /	DEF AT -----	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 156	Date of Summary: 02-JUN-1981	First Sample Examined: 1110
Lease Number: G04072	Source of Paleo: OPERATOR	Borehole MD: 5715
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5715
API Well Number: 427074006400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 1110 - 5700	Water Depth: 177
Public Info Code: Y 07-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1110 /	DEF AT first sample examined	DEF AT 3
1140 /	DEF AT sample gap top	POS AT 3
1230 /	DEF AT sample gap bottom	DEF AT 3
1290 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1670 /	DEF AT sample gap top	POS AT 3
2000 /	DEF AT sample gap bottom	DEF AT 3
2470 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4049 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4050 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
4410 /	DEF AT - - - - -	DEF AT 2
5370 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5700 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 21-MAR-1978	First Sample Examined: 1240
Lease Number: G02347	Source of Paleo: OPERATOR	Borehole MD: 5975
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5970
API Well Number: 427074002500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 1240 - 4940	Water Depth: 186
Public Info Code: Y 19-AUG-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT 3
1390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1700 /	DEF AT - - - - -	DEF AT 2
2330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
2750 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
2930 /	DEF AT - - - - -	DEF AT 3
3580 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4190 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4250 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4940 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 21-MAR-1978	First Sample Examined: 4925
Lease Number: G02347	Source of Paleo: OPERATOR	Borehole MD: 5975
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5970
API Well Number: 427074002500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 4925 - 5975	Water Depth: 186
Public Info Code: Y 19-AUG-1983	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4925 /	DEF AT first sample examined	POS AT 3
4926 /	DEF IN cement	POS AT 3
5327 /	DEF AT - - - - -	DEF AT 3
5880 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
5975 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 15-JUL-1978	First Sample Examined: 0
Lease Number: G02347	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5721
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5701
API Well Number: 427074002700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 19-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3940 / 3928	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 31-JAN-1980	First Sample Examined: 3900
Lease Number: G02347	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5538
API Well Number: 427074004200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3900 - 8260	Water Depth: 188
Public Info Code: Y 19-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 2805	DEF AT first sample examined	DEF AT 3
4500 / 3183	DEF AT sample gap top	POS AT 3
4830 / 3394	DEF AT sample gap bottom	DEF AT 3
5310 / 3702	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6460 / 4439	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6840 / 4680	DEF AT - - - - -	DEF AT 3
8260 / 5515	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 26-MAR-1980	First Sample Examined: 1200
Lease Number: G02347	Source of Paleo: OPERATOR	Borehole MD: 7985
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5570
API Well Number: 427074004400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1200 - 7940	Water Depth: 188
Public Info Code: Y 19-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1111	DEF AT first sample examined	DEF AT 2
1440 / 1312	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2519 / 1991	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2520 / 1992	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3620 / 2619	DEF AT sample gap top	POS AT 3
6719 / 4607	DEF AT sample gap bottom	DEF AT 3
6720 / 4608	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
7940 / 5536	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 26-MAR-1980	First Sample Examined: 3900
Lease Number: G02347	Source of Paleo: OPERATOR	Borehole MD: 7172
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5205
API Well Number: 427074004401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3900 - 6663	Water Depth: 188
Public Info Code: Y 19-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 2798	DEF AT first sample examined	POS AT 3
3901 / 2799	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 3
4230 / 3043	DEF AT - - - - -	DEF AT 3
6043 / 4402	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6694 / 4870	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 17-MAR-1980	First Sample Examined: 3780
Lease Number: G04072	Source of Paleo: OPERATOR	Borehole MD: 8170
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5119
API Well Number: 427074004700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3780 - 8160	Water Depth: 188
Public Info Code: Y 07-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 / 2572	DEF AT first sample examined	DEF AT 3
3781 / 2572	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4960 / 3200	DEF AT local marker benthic foram increase	DEF AT 3
6690 / 4166	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7560 / 4692	DEF AT - - - - -	DEF AT 3
8160 / 5112	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 157	Date of Summary: 26-MAR-1980	First Sample Examined: 4268
Lease Number: G04072	Source of Paleo: OPERATOR	Borehole MD: 10250
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5711
API Well Number: 427074004900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4268 - 10259	Water Depth: 188
Public Info Code: Y 07-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4268 / 2586	DEF AT first sample examined	DEF AT 2
5190 / 3076	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6050 / 3513	DEF AT sample gap top	POS AT 3
6980 / 3956	DEF AT sample gap bottom	DEF AT 3
7346 / 4150	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8059 / 4540	DEF AT - - - - -	DEF AT 3
10259 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 158	Date of Summary: 18-MAY-1981	First Sample Examined: 0
Lease Number: G03744	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8624
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8624
API Well Number: 427074006300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2980 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4850 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5300 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT
7230 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7650 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 178	Date of Summary: 08-JUL-1985	First Sample Examined: 4530
Lease Number: G07261	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12999
API Well Number: 427074007200	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4530 - 13000	Water Depth: 197
Public Info Code: Y 27-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 / 4530	DEF AT first sample examined	DEF IN 4
4740 / 4740	DEF AT - - - - -	DEF AT 5
4980 / 4980	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5520 / 5520	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5940 / 5940	DEF AT - - - - -	DEF AT 6
5970 / 5970	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
6150 / 6150	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
8370 / 8370	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 6
8940 / 8940	DEF AT - - - - -	DEF AT 5
11760 / 11759	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
13000 / 12999	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 183	Date of Summary: 18-DEC-1969	First Sample Examined: 580
Lease Number: G01425	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 3208
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 3208
API Well Number: 427074008600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 20
Paleo Report Num: 1 of 1	Sample Range: 580 - 3200	Water Depth: 185
Public Info Code: Y 02-JAN-1968	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
580 /	DEF AT first sample examined	DEF AT 2
581 /	DEF AT drilling material	DEF AT 2
582 /	DEF AT cement	DEF AT 2
660 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
690 /	DEF AT pyrite	DEF AT 3
810 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
1260 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
1360 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2670 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2850 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
2910 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
2940 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
2970 /	DEF AT local marker planktic foram increase	DEF AT 5
3090 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3119 /	DEF AT Bathysiphon fauna	DEF AT 5
3120 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
3200 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 188	Date of Summary: 26-JAN-1978	First Sample Examined: 420
Lease Number: G03477	Source of Paleo: OPERATOR	Borehole MD: 11489
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11479
API Well Number: 427074002400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 420 - 11480	Water Depth: 194
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
420 / 420	DEF AT first sample examined	DEF AT 2
480 / 480	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
620 / 620	DEF AT - - - - -	DEF AT 1
740 / 740	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
800 / 800	DEF AT - - - - -	DEF AT 2
920 / 920	DEF AT Arenaceous fauna (local marker)	DEF AT 2
950 / 950	DEF AT - - - - -	DEF AT 1
1190 / 1190	DEF AT - - - - -	DEF AT 2
1250 / 1250	DEF AT local marker benthic foram increase	DEF AT 1
1370 / 1370	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1610 / 1610	DEF AT - - - - -	DEF AT 2
1670 / 1670	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2090 / 2090	DEF AT - - - - -	DEF IN 1
2330 / 2330	DEF AT - - - - -	DEF AT 2
2390 / 2390	DEF AT - - - - -	DEF AT 3
2750 / 2750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2810 / 2810	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
2930 / 2930	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3980 / 3980	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4010 / 4010	DEF AT local marker deep water fauna	DEF AT 4
4040 / 4040	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
4820 / 4819	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 188	Date of Summary: 26-JAN-1978	First Sample Examined: 420
Lease Number: G03477	Source of Paleo: OPERATOR	Borehole MD: 11489
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11479
API Well Number: 427074002400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 420 - 11480	Water Depth: 194
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4999	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5330 / 5329	DEF AT - - - - -	DEF IN 2
5600 / 5599	DEF AT - - - - -	DEF IN 1
6020 / 6019	DEF AT cement	POS IN 1
6200 / 6199	DEF AT - - - - -	DEF AT 3
6230 / 6229	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
6470 / 6469	DEF AT - - - - -	DEF AT 3
6740 / 6738	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6800 / 6798	DEF AT - - - - -	DEF AT 5
7290 / 7288	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
7550 / 7548	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
7790 / 7788	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8510 / 8507	DEF AT local marker foram increase	DEF AT 5
9320 / 9316	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
10069 / 10063	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
10070 / 10064	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
10400 / 10394	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10790 / 10783	DEF AT Bathysiphon fauna	DEF AT 5
11210 / 11202	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11270 / 11262	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
11330 / 11322	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 6
11390 / 11382	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 6
11450 / 11441	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
11480 / 11471	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 190	Date of Summary: 19-JUN-1981	First Sample Examined: 1200
Lease Number: G04074	Source of Paleo: OPERATOR	Borehole MD: 7006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7006
API Well Number: 427074006100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1200 - 6980	Water Depth: 207
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF AT
1500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2670 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
3120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4670 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
4671 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6440 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6680 /	DEF AT limestone	DEF AT
6890 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
6950 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6980 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 190	Date of Summary: 08-DEC-1982	First Sample Examined: 1200
Lease Number: G04074	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7006
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 7006
API Well Number: 427074006100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1200 - 6980	Water Depth: 207
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF AT 2
1201 /	DEF AT cement	DEF AT 2
1202 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
1440 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1889 /	DEF AT pyrite	DEF AT 2
1890 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2040 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
2730 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
3118 /	DEF AT poor sample interval top	DEF AT 3
3119 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4610 /	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
5060 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5420 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
6230 /	DEF AT poor sample interval bottom	DEF AT 3
6409 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
6410 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6440 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6470 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6710 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
6980 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 208	Date of Summary: 22-FEB-1974	First Sample Examined: 1000
Lease Number: G02350	Source of Paleo: OPERATOR	Borehole MD: 5568
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5568
API Well Number: 427074000100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5500	Water Depth: 255
Public Info Code: Y 22-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1570 /	DEF AT - - - - -	DEF AT 3
2680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3910 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4000 /	DEF AT - - - - -	DEF AT 4
4030 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4960 /	DEF AT - - - - -	DEF AT 5
5350 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
5351 /	POS AT gouge	DEF AT
5500 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 208	Date of Summary: 11-JUL-1974	First Sample Examined: 970
Lease Number: G02350	Source of Paleo: OPERATOR	Borehole MD: 13005
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11861
API Well Number: 427074000700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 970 - 13005	Water Depth: 258
Public Info Code: Y 22-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
970 / 970	DEF AT first sample examined	DEF IN 2
1180 / 1180	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2440 / 2440	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4180 / 4180	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4930 / 4929	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4990 / 4988	DEF AT - - - - -	DEF AT 5
5799 / 5764	POS AT gouge	DEF AT 6
5800 / 5765	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
8610 / 8192	POS AT Upper (Late) Miocene	DEF AT 6
11130 / 10323	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 6
11131 / 10324	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
12070 / 11091	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
12340 / 11311	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
13005 / 11877	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 218	Date of Summary: 20-APR-1979	First Sample Examined: 1330
Lease Number: G02673	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9052
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 9046
API Well Number: 427074001500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 2	Sample Range: 1330 - 8800	Water Depth: 270
Public Info Code: Y 11-MAY-1980	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1330 / 1330	DEF AT first sample examined	POS IN 3
1390 / 1390	DEF AT - - - - -	POS AT 5
1660 / 1660	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
1720 / 1720	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
2500 / 2500	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3640 / 3640	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
4180 / 4180	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6220 / 6218	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6550 / 6546	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7270 / 7264	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8320 / 8314	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8530 / 8524	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8800 / 8794	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 218	Date of Summary: 20-APR-1979	First Sample Examined: 8330
Lease Number: G02673	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9052
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 9046
API Well Number: 427074001500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 51
Paleo Report Num: 2 of 2	Sample Range: 8330 - 9050	Water Depth: 270
Public Info Code: Y 11-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8330 / 8324	DEF AT first sample examined	POS AT 5
8750 / 8744	DEF AT local marker planktic foram increase	DEF AT 6
8990 / 8984	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9050 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 218	Date of Summary: 18-JUL-1979	First Sample Examined: 900
Lease Number: G02673	Source of Paleo: OPERATOR	Borehole MD: 6732
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6732
API Well Number: 427074004100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 900 - 6700	Water Depth: 237
Public Info Code: Y 11-MAY-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	DEF AT 2
1560 / 1560	DEF AT faunal change (no faunal increase)	DEF AT 3
2110 / 2110	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2535 / 2535	DEF AT cement	POS AT 3
3255 / 3255	DEF AT faunal change (no faunal increase)	DEF AT 3
3700 / 3700	DEF AT poor sample interval top	DEF AT 5
3729 / 3729	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
3730 / 3730	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5270 / 5270	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5389 / 5389	DEF AT poor sample interval bottom	DEF AT 5
5435 / 5435	DEF AT cement	POS AT 5
5555 / 5555	DEF AT cement	DEF AT 5
5809 / 5809	DEF AT faunal change (no faunal increase)	DEF AT 4
6056 / 6056	DEF AT faunal change (no faunal increase)	DEF AT 4
6660 / 6657	DEF AT local marker deep water fauna	DEF AT 5
6700 / 6696	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 218	Date of Summary: 06-MAR-1980	First Sample Examined: 980
Lease Number: G02673	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8500
API Well Number: 427074005100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 980 - 8500	Water Depth: 255
Public Info Code: Y 11-MAY-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
980 /	DEF AT first sample examined	DEF AT 3
2180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4410 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5040 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6210 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6690 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6749 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6750 /	DEF AT local marker deep water fauna	DEF AT 5
7000 /	DEF AT sample gap top	DEF AT
7460 /	DEF AT sample gap bottom	DEF AT 5
7770 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8500 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 218	Date of Summary: 21-DEC-1979	First Sample Examined: 975
Lease Number: G02673	Source of Paleo: OPERATOR	Borehole MD: 8700
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8700
API Well Number: 427074004800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 975 - 8700	Water Depth: 220
Public Info Code: Y 11-MAY-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
975 / 975	DEF AT first sample examined	DEF AT 5
1450 / 1450	DEF AT glauconite	DEF AT 5
2260 / 2260	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
2490 / 2490	DEF AT sample gap top	POS AT 3
2626 / 2626	DEF AT sample gap bottom	DEF AT 3
2627 / 2627	POS AT cement	DEF AT 3
4616 / 4616	DEF AT faunal change (no faunal increase)	DEF AT 5
4647 / 4647	DEF AT local marker foram increase	DEF AT 5
4803 / 4803	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
4804 / 4804	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5083 / 5083	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5800 / 5800	DEF AT sample gap top	POS AT 5
5860 / 5860	DEF AT sample gap bottom	DEF AT 5
6843 / 6827	DEF AT sample gap top	POS AT 5
6880 / 6863	DEF AT sample gap bottom	DEF AT 4
6911 / 6893	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8158 / 8082	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8580 / 8483	DEF AT Bathysiphon fauna	DEF AT 5
8581 / 8484	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8700 / 8598	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 225	Date of Summary: 25-SEP-1980	First Sample Examined: 0
Lease Number: G02675	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4633
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4633
API Well Number: 427074001300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 301
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 225	Date of Summary: 05-FEB-1976	First Sample Examined: 0
Lease Number: G02675	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3902
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3902
API Well Number: 427074001700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 315
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1550 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 242	Date of Summary: 23-DEC-1985	First Sample Examined: 1360
Lease Number: G02676	Source of Paleo: OPERATOR	Borehole MD: 6810
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6810
API Well Number: 427074001100	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1360 - 6790	Water Depth: 458
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1360 /	DEF AT first sample examined	DEF AT
1361 /	DEF AT cement	DEF AT
1450 /	DEF AT -----	DEF AT 1
1840 /	DEF AT -----	DEF AT 2
2050 /	DEF AT -----	DEF AT 1
2200 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2375 /	DEF AT -----	DEF AT 1
2590 /	DEF AT -----	DEF AT 2
2770 /	DEF AT -----	DEF AT 3
2830 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
3010 /	DEF AT -----	DEF AT 2
3070 /	DEF AT -----	DEF AT 3
3100 /	DEF AT -----	DEF AT 4
3190 /	DEF AT -----	DEF AT 3
3250 /	DEF AT Middle Pleistocene (Ionian) Crenalithus doronicoides (increase)	DEF AT 3
3280 /	POS AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 3
3400 /	DEF AT -----	DEF AT 2
3580 /	DEF AT -----	DEF AT 1
3640 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3670 /	DEF AT -----	DEF AT 3
3760 /	DEF AT -----	DEF AT 5
3910 /	DEF AT -----	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 242	Date of Summary: 23-DEC-1985	First Sample Examined: 1360
Lease Number: G02676	Source of Paleo: OPERATOR	Borehole MD: 6810
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6810
API Well Number: 427074001100	Drilling Operator: TEXACO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1360 - 6790	Water Depth: 458
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 /	DEF AT -----	DEF AT 5
4240 /	DEF AT -----	DEF AT 3
4300 /	DEF AT -----	DEF AT 2
4360 /	DEF AT -----	DEF AT 3
4420 /	DEF AT -----	DEF AT 2
4690 /	DEF AT -----	DEF AT 3
4780 /	DEF AT -----	DEF AT 2
4870 /	DEF AT -----	DEF AT 3
4930 /	DEF AT -----	DEF AT 2
5140 /	DEF AT -----	DEF AT 1
5230 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
5260 /	DEF AT Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT 2
5320 /	DEF AT cement	POS AT 2
5410 /	DEF AT -----	DEF AT 2
5500 /	DEF AT -----	DEF AT 3
5800 /	DEF AT -----	DEF AT 1
6490 /	DEF AT -----	DEF AT 2
6520 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
6580 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6700 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6790 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GA A 244	Date of Summary: 20-SEP-1976	First Sample Examined: 1550
Lease Number: G02677	Source of Paleo: OPERATOR	Borehole MD: 7798
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7796
API Well Number: 427074002200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 1550 - 7790	Water Depth: 440
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1550 /	DEF AT first sample examined	DEF IN 3
1700 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2120 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2540 /	DEF AT faunal change (no faunal increase)	DEF IN 3
2660 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3710 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6000 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6230 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6620 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6860 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
6980 /	DEF AT faunal change (no faunal increase)	DEF AT 6
7309 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
7310 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7790 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 191	Date of Summary: 01-AUG-1978	First Sample Examined: 1500
Lease Number: G02957	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7067
API Well Number: 608074000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 4	Sample Range: 1500 - 5810	Water Depth: 520
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	POS AT 4
1501 / 1501	DEF AT cement	POS AT 4
1725 / 1725	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3120 / 3094	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4740 / 4453	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5810 / 5285	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 191	Date of Summary: 01-AUG-1978	First Sample Examined: 5810
Lease Number: G02957	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7067
API Well Number: 608074000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 4	Sample Range: 5810 - 8000	Water Depth: 520
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5810 / 5285	DEF AT first sample examined	POS AT 4
5811 / 5286	DEF AT cement	POS AT 4
7340 / 6528	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8000 / 7066	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 191	Date of Summary: 04-JUN-1987	First Sample Examined: 3075
Lease Number: G02957	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7067
API Well Number: 608074000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 3 of 4	Sample Range: 1500 - 5810	Water Depth: 520
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3210 / 3180	DEF AT - - - - -	DEF AT 4
4740 / 4453	DEF AT local marker (general)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 191	Date of Summary: 04-JUN-1987	First Sample Examined: 6299
Lease Number: G02957	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7067
API Well Number: 608074000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 4 of 4	Sample Range: 6299 - 8000	Water Depth: 520
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7340 / 6528	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 196	Date of Summary: 20-MAR-1985	First Sample Examined: 3900
Lease Number: G07446	Source of Paleo: OPERATOR	Borehole MD: 13153
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13140
API Well Number: 608074003100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3900 - 13153	Water Depth: 737
Public Info Code: Y 17-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3900 /	DEF AT first sample examined	POS AT 4
4230 /	POS AT -----	DEF AT 4
4260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5010 /	DEF AT cement	POS AT 4
5040 /	DEF AT out-of-place section	POS AT 4
5130 /	DEF AT -----	DEF AT 4
7380 /	DEF AT -----	DEF AT 5
7560 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8010 /	DEF AT -----	DEF AT 4
8790 /	DEF AT -----	POS AT 5
10020 /	DEF AT -----	DEF AT 5
10350 /	DEF AT cement	POS AT 5
10470 /	POS AT -----	DEF AT 5
10890 /	DEF AT -----	DEF AT 4
12120 /	DEF AT -----	DEF AT 5
12240 /	DEF AT -----	DEF AT 6
12270 /	DEF AT out-of-place section	DEF AT 6
12480 /	DEF AT cement	DEF AT 6
12540 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
13153 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 236	Date of Summary: 22-APR-1987	First Sample Examined: 1690
Lease Number: G02632	Source of Paleo: OPERATOR	Borehole MD: 5074
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5074
API Well Number: 608074000500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1690 - 5050	Water Depth: 650
Public Info Code: Y 08-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1690 / 1690	DEF AT first sample examined	DEF AT 2
2500 / 2500	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3010 / 3010	DEF AT - - - - -	DEF AT 4
3460 / 3460	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4270 / 4270	DEF AT - - - - -	DEF AT 3
4570 / 4570	DEF AT - - - - -	DEF AT 4
5050 / 5050	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 326	Date of Summary: 14-JUN-1988	First Sample Examined: 970
Lease Number: G02809	Source of Paleo: OPERATOR	Borehole MD: 6738
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6738
API Well Number: 608074000200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 970 - 6700	Water Depth: 689
Public Info Code: Y 27-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
970 /	DEF AT first sample examined	DEF AT 1
1810 /	DEF AT - - - - -	DEF AT 2
2200 /	DEF AT - - - - -	DEF AT 3
2380 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4810 /	DEF AT - - - - -	DEF AT 3
5350 /	DEF AT - - - - -	DEF AT 5
5410 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6700 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 581	Date of Summary: 26-JUL-1984	First Sample Examined: 3100
Lease Number: G06375	Source of Paleo: OPERATOR	Borehole MD: 14859
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14853
API Well Number: 608074060100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 3100 - 14830	Water Depth: 1999
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3100 / 3100	DEF AT first sample examined	POS IN 4
3101 / 3101	DEF AT cement	POS IN 4
3370 / 3370	DEF AT - - - - -	DEF IN 4
4030 / 4030	DEF AT - - - - -	DEF AT 5
4930 / 4930	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
5470 / 5470	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5740 / 5740	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5770 / 5770	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
5860 / 5860	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
5920 / 5920	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6100 / 6100	DEF AT drilling material	POS AT 5
7030 / 7030	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
7180 / 7180	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7330 / 7330	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8620 / 8619	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9369 / 9368	DEF AT local marker planktic foram increase	DEF AT 5
9370 / 9369	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9550 / 9549	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
9760 / 9759	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9790 / 9789	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9820 / 9819	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9969 / 9967	DEF AT foram flood	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 581	Date of Summary: 26-JUL-1984	First Sample Examined: 3100
Lease Number: G06375	Source of Paleo: OPERATOR	Borehole MD: 14859
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14853
API Well Number: 608074060100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 3100 - 14830	Water Depth: 1999
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9970 / 9968	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
10180 / 10178	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
10360 / 10358	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10540 / 10538	DEF AT local marker deep water fauna	DEF AT 6
10690 / 10687	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 6
10900 / 10897	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
10930 / 10927	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
11170 / 11167	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 6
11710 / 11705	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
11950 / 11945	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
12550 / 12545	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
13210 / 13205	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
14590 / 14584	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
14830 / 14824	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 581	Date of Summary: 15-JAN-1988	First Sample Examined: 6430
Lease Number: G06375	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14859
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14853
API Well Number: 608074060100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 6430 - 14830	Water Depth: 1999
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 / 6430	DEF AT first sample examined	DEF AT 5
6431 / 6431	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6610 / 6610	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6730 / 6730	DEF AT local marker foram decrease	DEF AT 5
7300 / 7300	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7360 / 7360	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7389 / 7389	DEF AT sand	DEF AT 5
7390 / 7390	DEF AT local marker foram decrease	DEF AT 5
8080 / 8080	DEF AT drilling material	POS AT 5
8140 / 8140	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9370 / 9369	DEF AT local marker foram increase	DEF AT 5
9400 / 9399	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
9820 / 9819	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10180 / 10178	DEF AT local marker planktic foram increase	DEF AT 5
10300 / 10298	DEF AT foram flood	DEF AT 5
10420 / 10418	DEF AT Eggerella sp. (local marker)	DEF AT 5
10510 / 10508	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
11350 / 11346	DEF AT local marker planktic foram increase	DEF AT 5
11410 / 11406	DEF AT gray shale	DEF AT 5
11500 / 11496	DEF AT - - - -	DEF AT 6
11680 / 11675	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
11740 / 11735	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GB 581	Date of Summary: 15-JAN-1988	First Sample Examined: 6430
Lease Number: G06375	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14859
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14853
API Well Number: 608074060100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 6430 - 14830	Water Depth: 1999
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11980 / 11975	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
12040 / 12035	DEF AT limestone	DEF AT 6
12340 / 12335	DEF AT local marker foram increase	DEF AT 6
12460 / 12455	DEF AT pyrite	DEF AT 6
12520 / 12515	DEF IN Middle Miocene (Serravallian) Globorotalia foysi robusta	DEF AT 6
13510 / 13505	DEF AT sand	DEF AT 6
13570 / 13565	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
13930 / 13925	DEF AT sample gap top	POS AT 6
14050 / 14045	DEF AT sample gap bottom	POS AT 6
14170 / 14164	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
14260 / 14254	DEF AT oxidized shale	DEF AT 6
14560 / 14554	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
14620 / 14614	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
14830 / 14824	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 6	Date of Summary: 17-APR-1975	First Sample Examined: 1325
Lease Number: G02633	Source of Paleo: OPERATOR	Borehole MD: 6935
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6931
API Well Number: 608114000100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 1325 - 6900	Water Depth: 717
Public Info Code: Y 28-OCT-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1325 /	DEF AT first sample examined	DEF AT
1821 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
6900 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 18	Date of Summary: 03-JAN-1983	First Sample Examined: 1700
Lease Number: G04940	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13127
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12338
API Well Number: 608114000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 40
Paleo Report Num: 2 of 2	Sample Range: 1700 - 13100	Water Depth: 700
Public Info Code: Y 06-APR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1700 / 1700	DEF AT first sample examined	DEF AT
1701 / 1701	DEF AT poor sample interval top	DEF AT
2300 / 2300	POS IN Holocene Globorotalia inflata	DEF AT
2480 / 2480	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3500 / 3500	DEF AT cement	DEF AT
5270 / 5270	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6290 / 6290	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
6410 / 6410	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6680 / 6680	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT
7070 / 7070	DEF AT cement	DEF AT
7280 / 7277	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7310 / 7306	DEF AT drilling material	DEF AT
9140 / 8908	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
9290 / 9033	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
9590 / 9285	DEF AT cement	DEF AT
9950 / 9589	DEF AT pyrite	DEF AT
10550 / 10099	DEF AT drilling material	DEF AT
10820 / 10329	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
11840 / 11209	DEF AT cement	DEF AT
11990 / 11339	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12050 / 11392	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
12170 / 11497	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 18	Date of Summary: 03-JAN-1983	First Sample Examined: 1700
Lease Number: G04940	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13127
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12338
API Well Number: 608114000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 40
Paleo Report Num: 2 of 2	Sample Range: 1700 - 13100	Water Depth: 700
Public Info Code: Y 06-APR-1984	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12230 / 11549	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12378 / 11680	DEF AT cement	DEF AT
12379 / 11680	DEF AT pyrite	DEF AT
12380 / 11681	DEF AT Bathysiphon fauna	DEF AT
12650 / 11919	POS AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT
12890 / 12130	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
13039 / 12261	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
13040 / 12262	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
13070 / 12288	DEF AT poor sample interval bottom	DEF AT
13100 / 12315	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 19	Date of Summary: 06-OCT-1981	First Sample Examined: 1500
Lease Number: G04131	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14300
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14300
API Well Number: 608114000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1500 - 14300	Water Depth: 820
Public Info Code: Y 29-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF AT 3
1560 /	DEF AT Holocene Globorotalia inflata	DEF AT 3
1680 /	DEF AT - - - - -	DEF AT 4
1770 /	DEF AT - - - - -	DEF AT 5
2190 /	DEF AT local marker foram increase	DEF AT 3
3030 /	DEF AT cement	POS AT 3
3930 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
4080 /	DEF AT local marker foram increase	DEF AT 3
4906 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5570 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6710 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7960 /	DEF AT local marker foram increase	DEF AT 4
8080 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8710 /	DEF AT local marker foram decrease	DEF AT 4
9460 /	DEF AT local marker foram increase	DEF AT 4
9490 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9850 /	DEF AT local marker foram decrease	DEF AT 4
10810 /	DEF AT local marker foram increase	DEF AT 4
10960 /	DEF AT local marker planktic foram increase	DEF AT 3
11210 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
11509 /	DEF AT cement	DEF AT 3
11510 /	DEF AT local marker foram decrease	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 19	Date of Summary: 06-OCT-1981	First Sample Examined: 1500
Lease Number: G04131	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14300
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14300
API Well Number: 608114000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1500 - 14300	Water Depth: 820
Public Info Code: Y 29-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11600 /	DEF AT oxidized shale	DEF AT 3
12050 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
12140 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12149 /	DEF AT local marker planktic foram increase	DEF AT 4
12150 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
12270 /	DEF AT local marker planktic foram increase	DEF AT 4
12300 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
12390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12670 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
12760 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12910 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13930 /	DEF AT local marker foram increase	DEF AT 5
14270 /	DEF AT - - - -	DEF AT 3
14300 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 63	Date of Summary: 16-JAN-1981	First Sample Examined: 3690
Lease Number: G04132	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15101
API Well Number: 608114000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3690 - 15700	Water Depth: 960
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3690	DEF AT first sample examined	DEF AT
14010 / 13595	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
15700 / 15088	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 90	Date of Summary: 16-MAR-1982	First Sample Examined: 0
Lease Number: G04503	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6949
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6949
API Well Number: 608115000600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 525
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2050 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
4790 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5540 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6340 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6730 /	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 134	Date of Summary: 16-JUL-1985	First Sample Examined: 1520
Lease Number: G04506	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18444
Well Name: 002	Paleo Done By: ED COTTON	Borehole TVD: 18419
API Well Number: 608115000400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1520 - 18440	Water Depth: 768
Public Info Code: Y 05-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1520 / 1520	DEF AT first sample examined	DEF AT 4
1521 / 1521	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1700 / 1700	DEF AT faunal change (no faunal increase)	DEF AT 3
2120 / 2120	DEF AT faunal change (no faunal increase)	DEF AT 1
2300 / 2300	DEF AT faunal change (no faunal increase)	DEF AT 3
2360 / 2360	DEF AT faunal change (no faunal increase)	DEF AT 4
2480 / 2480	DEF AT faunal change (no faunal increase)	DEF AT 3
2780 / 2780	DEF AT faunal change (no faunal increase)	DEF AT 4
3120 / 3120	DEF AT sample gap top	POS AT 4
3201 / 3201	DEF AT sample gap bottom	POS AT 4
3202 / 3202	DEF AT cement	POS AT 4
3400 / 3400	DEF AT faunal change (no faunal increase)	DEF AT 4
4660 / 4660	DEF AT cement	POS AT 4
5710 / 5710	DEF AT poor sample interval top	POS AT 4
6040 / 6040	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	POS AT 4
6099 / 6099	DEF AT poor sample interval bottom	POS AT 4
6100 / 6100	POS AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 4
6400 / 6400	DEF AT poor sample interval top	POS AT 4
8770 / 8769	POS IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	POS AT 4
13600 / 13596	DEF AT Bathysiphon fauna	POS AT 4
18439 / 18414	DEF AT poor sample interval bottom	POS AT 4
18440 / 18415	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 134	Date of Summary: 02-FEB-1999	First Sample Examined: 2480
Lease Number: G04506	Source of Paleo: OPERATOR	Borehole MD: 18444
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 18419
API Well Number: 608115000400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 2480 - 18440	Water Depth: 768
Public Info Code: Y 05-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2480 / 2480	DEF AT first sample examined	DEF AT
2481 / 2481	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
5830 / 5830	DEF IN Upper Pleistocene (Ionian) Gephyrocapsa aperta	DEF AT
8770 / 8769	POS AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT
9370 / 9369	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10510 / 10508	DEF IN Lower Pleistocene (Calabrian) Lithostromation perdurum	DEF AT
10780 / 10778	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
11470 / 11467	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11500 / 11497	DEF IN Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11590 / 11587	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
13660 / 13656	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
14200 / 14195	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
15100 / 15091	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
15390 / 15379	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
16830 / 16813	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
18290 / 18266	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
18440 / 18415	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 135	Date of Summary: 06-MAR-1986	First Sample Examined: 0
Lease Number: G04836	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18639
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18068
API Well Number: 608115003500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 704
Public Info Code: Y 24-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6384 / 6384	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8210 / 8209	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
10580 / 10501	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11810 / 11691	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12857 / 12705	DEF IN Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
13190 / 13027	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
14750 / 14476	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16160 / 15783	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
17180 / 16734	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
18380 / 17832	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 183	Date of Summary: 12-JAN-1982	First Sample Examined: 0
Lease Number: G04517	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14047
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14047
API Well Number: 608115000500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1260
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10740 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
12300 /	DEF AT Arenaceous fauna (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 190	Date of Summary: 31-MAR-1986	First Sample Examined: 2600
Lease Number: G07031	Source of Paleo: OPERATOR	Borehole MD: 9905
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9891
API Well Number: 608114005500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2600 - 9860	Water Depth: 1358
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2600 / 2600	DEF AT first sample examined	POS AT 3
2601 / 2601	DEF AT cement	POS AT 3
2780 / 2780	DEF AT faunal change (no faunal increase)	DEF AT 3
3200 / 3200	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3494 / 3494	DEF AT faunal change (no faunal increase)	DEF AT 5
3520 / 3520	DEF AT faunal change (no faunal increase)	DEF AT 4
3590 / 3590	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4639 / 4638	POS AT reworked material	DEF AT 4
4640 / 4639	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4910 / 4909	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 4
5000 / 4998	DEF AT faunal change (no faunal increase)	DEF AT 5
5090 / 5088	DEF AT cement	POS AT 5
5150 / 5147	DEF AT faunal change (no faunal increase)	DEF AT 4
5210 / 5207	DEF AT faunal change (no faunal increase)	DEF AT 5
5270 / 5267	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7010 / 6997	DEF AT faunal change (no faunal increase)	DEF AT 4
7160 / 7146	DEF AT faunal change (no faunal increase)	DEF AT 3
7700 / 7686	DEF AT faunal change (no faunal increase)	DEF AT 4
7820 / 7806	DEF AT faunal change (no faunal increase)	DEF AT 3
8180 / 8166	DEF AT faunal change (no faunal increase)	DEF AT 4
8330 / 8316	DEF AT cement	POS AT 4
8840 / 8826	DEF AT faunal change (no faunal increase)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GC 190	Date of Summary: 31-MAR-1986	First Sample Examined: 2600
Lease Number: G07031	Source of Paleo: OPERATOR	Borehole MD: 9905
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9891
API Well Number: 608114005500	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2600 - 9860	Water Depth: 1358
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 / 8856	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9290 / 9276	POS AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 5
9291 / 9277	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 5
9320 / 9306	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9410 / 9396	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
9560 / 9546	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9860 / 9846	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 19	Date of Summary: 03-SEP-1970	First Sample Examined: 13460
Lease Number: 00033	Source of Paleo: OPERATOR	Borehole MD: 15434
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15434
API Well Number: 177170077100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 9100 - 15370	Water Depth: 60
Public Info Code: Y 14-FEB-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9100 /	DEF AT first sample examined	DEF AT 5
13460 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
13550 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 5
14043 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 5
14270 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
14300 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
14420 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
15370 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 23	Date of Summary: 03-AUG-1987	First Sample Examined: 7100
Lease Number: 00034	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: K001	Paleo Done By: OPERATOR	Borehole TVD: 11515
API Well Number: 177170026400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 4100 - 11958	Water Depth: 50
Public Info Code: Y 18-MAR-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7100 / 6737	DEF AT first sample examined	DEF AT 2
7310 / 6927	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7610 / 7196	DEF AT - - - - -	DEF AT 1
8030 / 7584	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8450 / 7992	DEF AT - - - - -	DEF AT 3
8510 / 8051	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8750 / 8289	DEF AT - - - - -	DEF AT 4
8990 / 8527	DEF AT - - - - -	DEF AT 3
9400 / 8936	DEF AT - - - - -	DEF AT 4
9860 / 9396	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10190 / 9725	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10460 / 9995	POS AT reworked material	DEF AT 5
10730 / 10265	POS AT reworked material	DEF AT 5
11538 / 11061	DEF AT local marker benthic foram increase	DEF AT 5
11958 / 11473	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 26	Date of Summary: 04-AUG-1987	First Sample Examined: 10910
Lease Number: 00391	Source of Paleo: OPERATOR	Borehole MD: 15200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15200
API Well Number: 177170075500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 10910 - 15200	Water Depth: 42
Public Info Code: Y 19-NOV-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10910 /	DEF AT first sample examined	DEF AT 2
11840 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
13070 /	DEF AT - - - - -	DEF AT 2
13550 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
13940 /	DEF AT - - - - -	DEF AT 4
15050 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
15200 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 29	Date of Summary: 10-MAY-1975	First Sample Examined: 8300
Lease Number: G01578	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12500
API Well Number: 177174002300	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 8300 - 11300	Water Depth: 70
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 /	DEF AT first sample examined	DEF AT
8301 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9370 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9850 /	DEF AT Cyclammina sp. (local marker)	DEF AT
10030 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11300 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 30	Date of Summary: 30-OCT-1979	First Sample Examined: 0
Lease Number: G03816	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12718
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12718
API Well Number: 177174011300	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8340 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9120 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10140 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 31	Date of Summary: 16-SEP-1976	First Sample Examined: 7690
Lease Number: G03181	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177174008200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 7690 - 15500	Water Depth: 69
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7690 /	DEF AT first sample examined	DEF AT 1
7960 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8560 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 2
8590 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8710 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9080 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9290 /	DEF AT local marker foram increase	DEF AT 3
9320 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9740 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9860 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10190 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
10550 /	DEF AT - - - - -	DEF AT 3
10580 /	DEF AT - - - - -	DEF AT 2
12230 /	DEF AT - - - - -	DEF AT 3
12560 /	DEF AT - - - - -	DEF AT 2
13250 /	DEF AT local marker foram increase	DEF AT 2
13420 /	DEF AT - - - - -	DEF AT 3
13520 /	DEF AT - - - - -	DEF AT 2
13640 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
14750 /	DEF AT - - - - -	DEF AT 4
15080 /	DEF AT - - - - -	DEF AT 3
15140 /	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 31	Date of Summary: 16-SEP-1976	First Sample Examined: 7690
Lease Number: G03181	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177174008200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 7690 - 15500	Water Depth: 69
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15260 /	DEF AT - - - - -	DEF AT 3
15290 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
15500 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 32	Date of Summary: 17-JUN-1966	First Sample Examined: 7500
Lease Number: 00174	Source of Paleo: OPERATOR	Borehole MD: 12074
Well Name: J001	Paleo Done By: OPERATOR	Borehole TVD: 12074
API Well Number: 177170057800	Drilling Operator: CONOCO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 7500 - 12063	Water Depth: 100
Public Info Code: Y 01-OCT-1973	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 /	DEF AT first sample examined	DEF IN 2
7700 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
8200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10270 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12000 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12063 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 37	Date of Summary: 04-AUG-1987	First Sample Examined: 11950
Lease Number: 00685	Source of Paleo: OPERATOR	Borehole MD: 12941
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12941
API Well Number: 177170060400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 11950 - 12920	Water Depth: 56
Public Info Code: Y 25-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11950 /	DEF AT first sample examined	DEF AT 3
12560 /	DEF AT - - - - -	DEF AT 4
12890 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12920 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 41	Date of Summary: 31-MAR-1988	First Sample Examined: 0
Lease Number: 00129	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14098
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 14095
API Well Number: 177170060700	Drilling Operator: CONOCO INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 91
Public Info Code: Y 24-JUN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3899	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6325 / 6324	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10050 / 10048	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12650 / 12647	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
14500 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 42	Date of Summary: 01-AUG-1997	First Sample Examined: 0
Lease Number: 00131	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12780
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 12546
API Well Number: 177170077400	Drilling Operator: CONOCO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 19-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11970 / 11674	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12088 / 11792	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 52	Date of Summary: 31-JAN-1969	First Sample Examined: 12170
Lease Number: 00177	Source of Paleo: OPERATOR	Borehole MD: 14030
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14030
API Well Number: 177170048700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 12170 - 14000	Water Depth: 88
Public Info Code: Y 03-FEB-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
12170 /	DEF AT first sample examined	DEF AT 4
12171 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12250 /	DEF AT sample gap top	POS AT 4
12310 /	DEF AT sample gap bottom	DEF AT 4
12430 /	DEF AT sample gap top	POS AT 4
12550 /	DEF AT sample gap bottom	DEF AT 4
12940 /	DEF AT sample gap top	POS AT 4
13030 /	DEF AT sample gap bottom	DEF AT 4
13210 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
13880 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 54	Date of Summary: 08-NOV-1983	First Sample Examined: 0
Lease Number: G03817	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17994
API Well Number: 177174014900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 121
Public Info Code: Y 27-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4060	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11300 / 11297	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12170 / 12167	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
16340 / 16335	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
17630 / 17625	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 65	Date of Summary: 25-FEB-1973	First Sample Examined: 3830
Lease Number: G02158	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12982
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12982
API Well Number: 177174003600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3830 - 12980	Water Depth: 134
Public Info Code: Y 26-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3830 /	DEF AT first sample examined	POS AT 1
3950 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
4010 /	DEF AT siltstone	POS AT 1
4310 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4430 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4490 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4520 /	DEF AT local marker foram decrease	DEF AT 2
4639 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
4640 /	DEF IN Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 2
4670 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
4700 /	DEF AT local marker foram decrease	DEF IN 1
4850 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2
4910 /	DEF AT local marker foram decrease	DEF IN 1
4969 /	DEF AT pyrite	DEF AT 2
4970 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5030 /	DEF AT local marker foram decrease	DEF AT 2
5060 /	DEF AT local marker foram decrease	DEF IN 1
5300 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 2
5600 /	DEF AT local marker foram decrease	DEF IN 1
6200 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6469 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
6470 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	POS AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 65	Date of Summary: 25-FEB-1973	First Sample Examined: 3830
Lease Number: G02158	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12982
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12982
API Well Number: 177174003600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3830 - 12980	Water Depth: 134
Public Info Code: Y 26-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6680 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	POS IN 2
6830 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 2
6950 /	DEF AT pyrite	DEF IN 1
7040 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7070 /	DEF AT pyrite	POS AT 2
7250 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7490 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
7670 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7700 /	DEF AT pyrite	DEF AT 2
8720 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 2
8900 /	DEF AT faunal change (no faunal increase)	DEF IN 1
9380 /	DEF AT faunal change (no faunal increase)	POS AT 2
9680 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9740 /	POS AT Cyclammina cancellata (local marker)	DEF AT 3
9770 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
10250 /	DEF AT local marker benthic foram increase	DEF IN 2
10400 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10460 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10520 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10850 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 3
10910 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11000 /	DEF AT local marker foram decrease	DEF IN 3
11180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11839 /	POS AT reworked material	POS AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 65	Date of Summary: 25-FEB-1973	First Sample Examined: 3830
Lease Number: G02158	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12982
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12982
API Well Number: 177174003600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3830 - 12980	Water Depth: 134
Public Info Code: Y 26-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11840 /	DEF IN Upper Miocene (Tortonian) Planulina renzi	POS AT 3
12080 /	DEF AT Arenaceous fauna (local marker)	POS AT 3
12170 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12200 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12260 /	DEF AT Bathysiphon fauna	DEF AT 4
12500 /	DEF IN Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
12620 /	POS AT local marker foram decrease	DEF IN 3
12709 /	DEF AT pyrite	DEF AT 3
12710 /	DEF AT local marker benthic foram increase	DEF AT 3
12711 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12980 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 65	Date of Summary: 15-AUG-1974	First Sample Examined: 0
Lease Number: G02158	Source of Paleo: OPERATOR	Borehole MD: 12982
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12982
API Well Number: 177174003600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 26-SEP-1974	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4640 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6230 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12200 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-1947

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Area Block: GI 65	Date of Summary: 26-FEB-1973	First Sample Examined: 9100
Lease Number: G02158	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14607
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14466
API Well Number: 177174003601	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9100 - 14600	Water Depth: 134
Public Info Code: Y 26-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9100 / 8960	DEF AT first sample examined	DEF IN 1
9760 / 9619	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9790 / 9649	DEF AT Cyclammina cancellata (local marker)	DEF IN 2
10000 / 9859	DEF AT faunal change (no faunal increase)	DEF AT 2
10630 / 10489	POS AT Arenaceous fauna (local marker)	POS AT 3
10659 / 10518	DEF AT pyrite	DEF AT 4
10660 / 10519	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10690 / 10549	DEF AT local marker foram decrease	DEF IN 3
10720 / 10579	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
10750 / 10609	DEF AT local marker foram decrease	DEF IN 3
10900 / 10759	DEF AT local marker foram increase	DEF AT 4
10930 / 10789	DEF AT local marker foram decrease	DEF AT 3
10990 / 10848	DEF AT local marker foram increase	DEF IN 3
11110 / 10968	DEF AT local marker foram decrease	DEF AT 3
11320 / 11178	POS AT local marker foram increase	DEF IN 3
11410 / 11268	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11500 / 11358	DEF AT local marker foram decrease	DEF AT 3
11740 / 11598	DEF AT faunal change (no faunal increase)	DEF IN 2
12230 / 12088	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12260 / 12118	POS AT local marker foram increase	DEF AT 4
12438 / 12296	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
12439 / 12297	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 65	Date of Summary: 26-FEB-1973	First Sample Examined: 9100
Lease Number: G02158	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14607
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14466
API Well Number: 177174003601	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9100 - 14600	Water Depth: 134
Public Info Code: Y 26-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
12440 / 12298	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
12500 / 12358	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 3
12650 / 12508	DEF AT sample gap top	POS IN 3
12706 / 12564	DEF AT sample gap bottom	DEF IN 3
12707 / 12565	DEF AT cement	DEF IN 3
12980 / 12838	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
13340 / 13198	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13460 / 13318	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
13850 / 13708	DEF AT local marker foram increase	DEF AT 4
14120 / 13978	POS AT local marker foram decrease	DEF IN 3
14150 / 14008	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
14270 / 14128	DEF AT Bathysiphon fauna	DEF AT 4
14510 / 14368	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14600 / 14458	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 69	Date of Summary: 24-FEB-1973	First Sample Examined: 4946
Lease Number: G02160	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14807
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14807
API Well Number: 177174003700	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 4946 - 14810	Water Depth: 224
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4946 /	DEF AT first sample examined	DEF AT 2
4947 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5020 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5260 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5500 /	DEF AT local marker foram decrease	DEF IN 1
5620 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
5770 /	DEF AT local marker foram decrease	DEF IN 1
5860 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
5890 /	DEF AT local marker foram decrease	DEF IN 1
6280 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7239 /	DEF IN Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
7240 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8290 /	DEF AT local marker foram decrease	DEF IN 1
8830 /	POS AT local marker foram increase	DEF AT 2
8860 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
8920 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
9460 /	DEF AT Cyclammina cancellata (local marker)	POS AT 3
9670 /	POS AT Upper Miocene (Messinian) Textularia "X"	POS AT 3
9700 /	DEF AT local marker benthic foram increase	DEF AT 3
9790 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10240 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 69	Date of Summary: 24-FEB-1973	First Sample Examined: 4946
Lease Number: G02160	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14807
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14807
API Well Number: 177174003700	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 4946 - 14810	Water Depth: 224
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10270 /	POS AT local marker foram decrease	DEF AT 3
10300 /	DEF AT local marker foram decrease	DEF IN 2
10540 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10589 /	POS AT reworked material	POS AT 2
10590 /	DEF AT faunal change (no faunal increase)	POS AT 2
10830 /	DEF AT local marker benthic foram increase	DEF AT 3
11070 /	DEF AT poor sample interval top	POS AT 2
11879 /	DEF AT poor sample interval bottom	DEF AT 2
11880 /	DEF AT local marker benthic foram increase	DEF AT 2
11910 /	DEF AT pyrite	DEF AT 2
11940 /	DEF AT local marker benthic foram increase	DEF AT 3
12030 /	POS IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12300 /	DEF AT pyrite	DEF AT 3
12330 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12360 /	DEF AT local marker foram decrease	DEF AT 3
12450 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12480 /	DEF AT local marker foram decrease	DEF AT 3
12590 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13070 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
13100 /	DEF AT local marker foram decrease	DEF AT 3
13640 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
13700 /	POS AT Arenaceous fauna (local marker)	DEF IN 3
13850 /	DEF IN Upper Miocene (Tortonian) Reophax davepopei	DEF IN 3
13910 /	POS AT local marker foram decrease	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 69	Date of Summary: 24-FEB-1973	First Sample Examined: 4946
Lease Number: G02160	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14807
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14807
API Well Number: 177174003700	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 4946 - 14810	Water Depth: 224
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13940 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13970 /	DEF AT Bathysiphon fauna	DEF AT 4
14030 /	POS AT local marker foram decrease	DEF IN 3
14060 /	DEF AT local marker foram decrease	DEF AT 3
14270 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
14300 /	DEF AT reworked material	POS IN 3
14420 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
14570 /	DEF AT pyrite	DEF IN 3
14660 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
14780 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
14810 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 30-NOV-1972	First Sample Examined: 1005
Lease Number: G02161	Source of Paleo: OPERATOR	Borehole MD: 10310
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9266
API Well Number: 177174003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1005 - 10310	Water Depth: 150
Public Info Code: Y 02-DEC-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1005 / 1005	DEF AT first sample examined	DEF AT
5422 / 5132	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10310 / 9266	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 05-MAR-1973	First Sample Examined: 1005
Lease Number: G02161	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10310
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9266
API Well Number: 177174003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1005 - 10310	Water Depth: 150
Public Info Code: Y 02-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1005 / 1005	DEF AT first sample examined	POS AT 2
1006 / 1006	DEF AT cement	POS AT 2
1095 / 1095	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1320 / 1320	DEF AT local marker planktic foram increase	DEF AT 2
1410 / 1410	DEF AT faunal change (no faunal increase)	DEF IN 2
1455 / 1455	DEF AT faunal change (no faunal increase)	DEF AT 3
1500 / 1500	POS AT local marker foram decrease	DEF IN 2
1770 / 1770	DEF AT local marker foram increase	DEF AT 3
1905 / 1904	DEF AT local marker foram decrease	DEF IN 2
2220 / 2217	DEF AT local marker planktic foram increase	DEF AT 3
2760 / 2746	DEF AT local marker foram decrease	DEF IN 2
2895 / 2875	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3675 / 3581	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 2
4215 / 4059	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4349 / 4178	DEF AT foram flood	POS AT 4
4350 / 4179	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 4
4395 / 4219	POS AT local marker foram decrease	DEF AT 3
4530 / 4338	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4840 / 4615	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4883 / 4653	DEF AT local marker foram decrease	DEF AT 3
4925 / 4691	DEF AT pyrite	DEF IN 3
4926 / 4692	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 05-MAR-1973	First Sample Examined: 1005
Lease Number: G02161	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10310
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9266
API Well Number: 177174003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1005 - 10310	Water Depth: 150
Public Info Code: Y 02-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4927 / 4693	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
4969 / 4730	DEF AT local marker foram decrease	DEF AT 3
5059 / 4811	DEF AT sample gap top	POS AT 3
5103 / 4850	DEF AT sample gap bottom	DEF AT 3
5104 / 4851	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5377 / 5093	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5467 / 5172	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
5602 / 5290	DEF AT local marker foram decrease	DEF IN 2
6890 / 6421	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
7199 / 6690	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
7244 / 6728	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8864 / 8066	DEF AT local marker foram increase	DEF IN 2
8954 / 8141	DEF AT local marker foram decrease	DEF AT 2
10224 / 9194	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10310 / 9266	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 30-NOV-1972	First Sample Examined: 942
Lease Number: G02161	Source of Paleo: OPERATOR	Borehole MD: 6453
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5642
API Well Number: 177174003401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 942 - 6425	Water Depth: 150
Public Info Code: Y 15-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
942 / 942	DEF AT first sample examined	DEF AT
5975 / 5295	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6425 / 5642	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 31-MAY-1974	First Sample Examined: 4490
Lease Number: G02161	Source of Paleo: OPERATOR	Borehole MD: 14185
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11803
API Well Number: 177174004600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4490 - 14160	Water Depth: 150
Public Info Code: Y 22-JUN-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4490 / 4067	DEF AT first sample examined	DEF AT
4491 / 4067	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
14160 / 11747	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 16-JAN-1974	First Sample Examined: 10200
Lease Number: G02161	Source of Paleo: OPERATOR	Borehole MD: 12107
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10648
API Well Number: 177174004700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 10200 - 12100	Water Depth: 150
Public Info Code: Y 27-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 / 8970	DEF AT first sample examined	DEF AT
10201 / 8971	POS IN Upper (Late) Miocene	DEF AT
12100 / 10642	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 76	Date of Summary: 01-APR-1974	First Sample Examined: 11590
Lease Number: G02161	Source of Paleo: OPERATOR	Borehole MD: 12480
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 10474
API Well Number: 177174006201	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 11590 - 12520	Water Depth: 150
Public Info Code: Y 29-APR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11590 / 9748	DEF AT first sample examined	DEF AT
11591 / 9748	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
12520 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 77	Date of Summary: 08-NOV-1976	First Sample Examined: 5470
Lease Number: G01583	Source of Paleo: OPERATOR	Borehole MD: 13028
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13028
API Well Number: 177174001000	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 5470 - 11420	Water Depth: 155
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 /	DEF AT first sample examined	DEF AT
5471 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7830 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8945 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11419 /	DEF AT Cyclammina sp. (local marker)	DEF AT
11420 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 77	Date of Summary: 09-APR-1976	First Sample Examined: 7485
Lease Number: G01583	Source of Paleo: OPERATOR	Borehole MD: 12078
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12078
API Well Number: 177174008100	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7485 - 12078	Water Depth: 159
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7485 /	DEF AT first sample examined	DEF AT 3
7704 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8979 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9546 /	DEF AT - - - - -	DEF AT 3
9894 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
10462 /	DEF AT - - - - -	DEF AT 4
10550 /	DEF AT - - - - -	DEF AT 3
10847 /	DEF AT Cyclammina sp. (local marker)	DEF AT 5
10948 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11124 /	DEF AT - - - - -	DEF AT 4
11960 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
11961 /	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 5
12078 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 77	Date of Summary: 12-JAN-1983	First Sample Examined: 0
Lease Number: G01583	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16586
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 16366
API Well Number: 177174014100	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 154
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9989	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11010 / 11009	DEF AT - - - - -	DEF AT 4
11670 / 11669	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12210 / 12209	DEF AT - - - - -	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 81	Date of Summary: 02-SEP-1971	First Sample Examined: 6000
Lease Number: G01583	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8816
API Well Number: 177174000300	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6000 - 9200	Water Depth: 174
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5765	DEF AT first sample examined	DEF AT
6540 / 6281	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9200 / 8817	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 81	Date of Summary: 21-NOV-1974	First Sample Examined: 7100
Lease Number: G01583	Source of Paleo: OPERATOR	Borehole MD: 9392
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8478
API Well Number: 177174002100	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7100 - 9065	Water Depth: 180
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6202	DEF AT first sample examined	DEF AT
7101 / 6203	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9064 / 8151	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9065 / 8152	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 81	Date of Summary: 24-AUG-1975	First Sample Examined: 6660
Lease Number: G01986	Source of Paleo: OPERATOR	Borehole MD: 10634
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10218
API Well Number: 177174000800	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 6660 - 10630	Water Depth: 174
Public Info Code: Y 05-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6252	DEF AT first sample examined	DEF AT
6661 / 6253	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9380 / 8966	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10630 / 10216	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 81	Date of Summary: 21-APR-1972	First Sample Examined: 6000
Lease Number: G01986	Source of Paleo: OPERATOR	Borehole MD: 12913
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11317
API Well Number: 177174001300	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6000 - 12880	Water Depth: 177
Public Info Code: Y 05-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 4836	DEF AT first sample examined	DEF AT 3
7350 / 5861	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7830 / 6281	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7950 / 6392	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
11070 / 9475	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11730 / 10134	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12880 / 11284	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 81	Date of Summary: 12-AUG-1971	First Sample Examined: 7510
Lease Number: G01987	Source of Paleo: OPERATOR	Borehole MD: 10757
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9060
API Well Number: 177174000200	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 7510 - 10730	Water Depth: 177
Public Info Code: Y 04-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 6373	DEF AT first sample examined	DEF AT
7840 / 6633	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9190 / 7689	DEF AT sample gap top	DEF AT
9949 / 8325	DEF AT sample gap bottom	DEF AT
10730 / 9035	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: GI 81	Date of Summary: 21-APR-1972	First Sample Examined: 6009
Lease Number: G01987	Source of Paleo: OPERATOR	Borehole MD: 10080
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8633
API Well Number: 177174001200	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 6009 - 10080	Water Depth: 177
Public Info Code: Y 04-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6009 / 5213	DEF AT first sample examined	DEF AT 4
6460 / 5572	DEF AT - - - - -	DEF AT 3
6880 / 5907	DEF AT - - - - -	DEF AT 4
7240 / 6215	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7540 / 6484	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7780 / 6699	DEF AT - - - - -	DEF AT 3
9250 / 7991	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
9760 / 8428	DEF AT - - - - -	DEF IN 3
10080 / 8703	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 83	Date of Summary: 16-JUN-1972	First Sample Examined: 0
Lease Number: G01584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11275
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11275
API Well Number: 177174001500	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 11-SEP-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7760 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10820 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 86	Date of Summary: 08-JUN-1970	First Sample Examined: 1620
Lease Number: G01493	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12466
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12466
API Well Number: 177180000900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1620 - 12465	Water Depth: 293
Public Info Code: Y 16-NOV-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1620 /	DEF AT first sample examined	DEF IN 2
3206 /	DEF AT sample gap top	DEF AT
5330 /	DEF AT sample gap bottom	DEF AT
5840 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6410 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
6440 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
6560 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6680 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
10820 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10850 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12320 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
12350 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
12351 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
12465 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 29-SEP-1967	First Sample Examined: 5000
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16983
API Well Number: 177180001100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 5000 - 17000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4999	DEF AT first sample examined	DEF AT 2
6200 / 6199	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 2
6300 / 6299	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
7220 / 7219	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7430 / 7429	DEF AT - - - - -	DEF AT 1
10870 / 10869	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
12070 / 12069	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
13150 / 13149	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
15160 / 15157	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
17000 / 16984	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 30-SEP-1992	First Sample Examined: 5000
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16983
API Well Number: 177180001100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 5000 - 17000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4999	DEF AT first sample examined	DEF AT 2
5240 / 5239	DEF AT - - - - -	DEF IN 3
5600 / 5599	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
7040 / 7039	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
7160 / 7159	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
10870 / 10869	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
11320 / 11319	DEF AT - - - - -	DEF AT 4
11590 / 11589	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13480 / 13479	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
14230 / 14229	DEF AT - - - - -	DEF IN 3
16510 / 16499	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 3
17000 / 16984	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 20-OCT-1967	First Sample Examined: 6980
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 13001
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13001
API Well Number: 177180001300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 6980 - 13000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6980	DEF AT first sample examined	DEF AT 2
7040 / 7040	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7310 / 7310	DEF AT - - - - -	DEF AT 1
10180 / 10180	DEF AT - - - - -	DEF AT 2
10360 / 10360	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
12670 / 12670	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
13000 / 13000	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 25-SEP-1992	First Sample Examined: 11800
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 13001
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13001
API Well Number: 177180001300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 11800 - 13000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11800 / 11800	DEF AT first sample examined	POS AT 2
12040 / 12040	DEF AT -----	DEF AT 2
12610 / 12610	DEF AT -----	DEF AT 4
12730 / 12730	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
12940 / 12940	DEF AT -----	DEF AT 3
13000 / 13000	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 26-JUN-1970	First Sample Examined: 9490
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 15689
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15689
API Well Number: 177182000000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 9490 - 15689	Water Depth: 217
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9490 /	DEF AT first sample examined	DEF AT 1
10270 /	DEF AT Arenaceous fauna (local marker)	DEF AT 1
10840 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
12100 /	DEF AT -----	DEF AT 1
12970 /	DEF AT -----	DEF AT 2
13510 /	DEF AT cement	POS AT 2
13660 /	DEF AT -----	DEF AT 2
14620 /	DEF AT -----	DEF AT 4
15689 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 25-SEP-1992	First Sample Examined: 6790
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 15689
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15689
API Well Number: 177182000000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 6790 - 15670	Water Depth: 217
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6790 /	DEF AT first sample examined	DEF AT 4
7260 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7330 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7900 /	DEF AT - - - - -	DEF AT 3
10110 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10720 /	POS AT - - - - -	DEF AT 4
14620 /	DEF IN Upper Miocene (Messinian) Discoaster berggrenii "A"	DEF AT 4
15670 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 05-MAY-1972	First Sample Examined: 10101
Lease Number: G01586	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18000
Well Name: 004	Paleo Done By: WING GEE	Borehole TVD: 18000
API Well Number: 177182000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 4	Sample Range: 10101 - 18000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10101 /	DEF AT first sample examined	POS IN 3
10102 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	POS IN 3
10190 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
10220 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
10730 /	DEF AT pyrite	DEF AT 2
10790 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10850 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
10910 /	DEF AT local marker foram decrease	DEF AT 3
10970 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
11150 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 3
11180 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11210 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11330 /	POS AT local marker foram decrease	DEF AT 4
11420 /	DEF AT local marker foram decrease	DEF AT 3
11600 /	POS AT local marker foram increase	DEF IN 3
11630 /	POS AT local marker foram decrease	DEF AT 3
11900 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11990 /	POS AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 4
12020 /	DEF AT local marker foram decrease	DEF IN 3
12350 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13040 /	DEF IN Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 4
13310 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 05-MAY-1972	First Sample Examined: 10101
Lease Number: G01586	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18000
Well Name: 004	Paleo Done By: WING GEE	Borehole TVD: 18000
API Well Number: 177182000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 4	Sample Range: 10101 - 18000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14240 /	DEF AT Bathysiphon fauna	DEF AT 5
16340 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
16341 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
17000 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
17720 /	DEF AT local marker benthic foram increase	DEF AT 3
18000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 29-APR-1975	First Sample Examined: 1107
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18000
API Well Number: 177182000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 2 of 4	Sample Range: 1107 - 18000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1107 /	DEF AT first sample examined	DEF IN 3
4800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6470 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8630 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13280 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
16940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
18000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 19-OCT-1981	First Sample Examined: 3960
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177182000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 3 of 4	Sample Range: 3960 - 18000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS:	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
3960 /	DEF AT first sample examined	DEF AT
6530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6900 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7280 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8810 /	DEF AT unconformity	DEF AT
13010 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
16940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
18000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 30-JUL-1992	First Sample Examined: 10550
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177182000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 4 of 4	Sample Range: 10550 - 18000	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
10550 /	DEF AT first sample examined	DEF AT 2
10790 /	DEF AT - - - - -	DEF AT 3
11180 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
13130 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
13400 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
14240 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 3
18000 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 90	Date of Summary: 25-SEP-1992	First Sample Examined: 7000
Lease Number: G01586	Source of Paleo: OPERATOR	Borehole MD: 13584
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13131
API Well Number: 177184000800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7000 - 13550	Water Depth: 220
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6556	DEF AT first sample examined	DEF AT 4
7670 / 7217	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8630 / 8175	DEF AT - - - - -	DEF AT 3
10160 / 9704	DEF AT - - - - -	DEF AT 2
11210 / 10754	DEF AT - - - - -	DEF AT 4
11570 / 11114	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13550 / 13094	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 93	Date of Summary: 07-MAY-1972	First Sample Examined: 848
Lease Number: G01588	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13500
API Well Number: 177180001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 848 - 13500	Water Depth: 180
Public Info Code: Y 29-JUN-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
848 /	DEF AT first sample examined	DEF AT 2
849 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
1027 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1515 /	DEF AT sample gap top	POS AT 2
1689 /	DEF AT sample gap bottom	DEF AT 2
1690 /	DEF AT local marker benthic foram increase	DEF AT 2
1955 /	DEF AT pyrite	DEF AT 2
2726 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
2770 /	DEF AT local marker foram decrease	DEF IN 2
3012 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3323 /	POS AT local marker foram increase	DEF IN 3
3722 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
4252 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4699 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4743 /	DEF AT pyrite	DEF IN 3
4877 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5538 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
5979 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2
6335 /	POS AT local marker benthic foram increase	DEF AT 3
6821 /	DEF AT local marker benthic foram increase	DEF AT 3
6954 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7039 /	DEF AT pyrite	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 93	Date of Summary: 07-MAY-1972	First Sample Examined: 848
Lease Number: G01588	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13500
API Well Number: 177180001400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 848 - 13500	Water Depth: 180
Public Info Code: Y 29-JUN-1971	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7040 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7262 /	DEF AT pyrite	DEF AT 4
7263 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7484 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
7706 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7971 /	POS AT local marker foram decrease	DEF IN 3
8628 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF IN 3
9070 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9159 /	DEF AT faunal change (no faunal increase)	DEF IN 3
9601 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
10004 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
10049 /	DEF AT sample gap top	POS AT 4
11371 /	DEF AT sample gap bottom	DEF AT 4
11372 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11991 /	POS AT faunal change (no faunal increase)	DEF AT 4
12654 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
12698 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
13271 /	POS AT local marker foram decrease	DEF IN 3
13402 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
13450 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 93	Date of Summary: 19-FEB-1976	First Sample Examined: 0
Lease Number: G02628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 7784
API Well Number: 177184003000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 27-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6260 / 5573	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 93	Date of Summary: 10-OCT-1975	First Sample Examined: 0
Lease Number: G02628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14340
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 12952
API Well Number: 177184003100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 31-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 / 4460	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5230 / 5230	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7300 / 7145	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 93	Date of Summary: 05-APR-1976	First Sample Examined: 0
Lease Number: G02628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8350
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 7830
API Well Number: 177184003300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 21-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5830 / 5344	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 93	Date of Summary: 30-MAR-1976	First Sample Examined: 0
Lease Number: G02628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8061
Well Name: C007	Paleo Done By: OPERATOR	Borehole TVD: 7725
API Well Number: 177184003400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 10-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5390 / 5163	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7440 / 7127	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 94	Date of Summary: 24-SEP-1975	First Sample Examined: 0
Lease Number: G02163	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7830
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 7830
API Well Number: 177184001700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 03-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5338 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6970 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 94	Date of Summary: 13-OCT-1975	First Sample Examined: 0
Lease Number: G02628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11596
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7812
API Well Number: 177184001600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 208
Public Info Code: Y 17-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5410 / 4378	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7225 / 5417	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
10350 / 7010	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 94	Date of Summary: 06-AUG-1975	First Sample Examined: 0
Lease Number: G02628	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10631
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 7877
API Well Number: 177184001900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 208
Public Info Code: Y 16-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 4344	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6768 / 5353	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9443 / 7065	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 95	Date of Summary: 12-MAR-1975	First Sample Examined: 0
Lease Number: G02163	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10826
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8945
API Well Number: 177184000700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 04-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 4413	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5570 / 5328	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 95	Date of Summary: 28-OCT-1997	First Sample Examined: 6000
Lease Number: G02163	Source of Paleo: OPERATOR	Borehole MD: 11217
Well Name: A006	Paleo Done By: GEORGE J. CONSTANCE, JR.	Borehole TVD: 10078
API Well Number: 177184001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 6000 - 10075	Water Depth: 180
Public Info Code: Y 08-APR-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5628	DEF AT first sample examined	DEF AT
6120 / 5734	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7530 / 6983	DEF AT local marker foram increase	DEF AT
9900 / 9025	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9901 / 9025	POS AT reworked material	DEF AT
10075 / 9166	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 95	Date of Summary: 08-APR-1973	First Sample Examined: 1100
Lease Number: G02164	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9796
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9796
API Well Number: 177184000200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1100 - 9796	Water Depth: 210
Public Info Code: Y 24-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	POS AT 2
1101 /	DEF AT cement	POS AT 2
1460 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1550 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1760 /	POS AT local marker foram decrease	DEF IN 2
1790 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1820 /	DEF AT local marker foram decrease	DEF IN 1
2180 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2450 /	POS AT local marker planktic foram increase	DEF IN 2
2480 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2630 /	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 2
2690 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
2750 /	DEF AT pyrite	DEF IN 2
3110 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3500 /	POS AT local marker foram decrease	DEF IN 2
4010 /	DEF AT local marker benthic foram increase	POS AT 3
4247 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4248 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4340 /	POS AT local marker foram decrease	DEF IN 3
4909 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4910 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
4940 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 95	Date of Summary: 08-APR-1973	First Sample Examined: 1100
Lease Number: G02164	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9796
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9796
API Well Number: 177184000200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1100 - 9796	Water Depth: 210
Public Info Code: Y 24-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5090 /	POS AT Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 4
5120 /	DEF AT local marker foram decrease	DEF IN 3
6630 /	DEF AT local marker foram decrease	DEF AT 3
6750 /	DEF AT Upper Pliocene (Gelasian) <i>Cristellaria "S"</i>	DEF AT 3
6960 /	DEF AT Upper Pliocene (Gelasian) <i>Globorotalia miocenica</i>	DEF AT 3
6990 /	DEF AT Upper Pliocene (Gelasian) <i>Lenticulina 1</i>	DEF AT 2
8000 /	POS AT local marker foram increase	DEF IN 2
8100 /	DEF AT Upper Pliocene (Gelasian) <i>Textularia crassisepta / "P"</i>	DEF IN 2
9030 /	POS IN Upper Pliocene (Piacenzian) <i>Sphaeroidinellopsis seminulina</i>	POS IN 2
9300 /	DEF AT Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai (acme)</i>	DEF IN 2
9420 /	DEF AT Lower Pliocene (Zanclian) <i>Globigerina druryi / nepenthes "B"</i>	DEF AT 2
9660 /	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF IN 2
9796 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 103	Date of Summary: 03-OCT-1984	First Sample Examined: 5910
Lease Number: G05663	Source of Paleo: OPERATOR	Borehole MD: 11681
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 11681
API Well Number: 177184004700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 5910 - 11680	Water Depth: 280
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5910 / 5885	DEF AT first sample examined	DEF AT
6130 / 6104	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
9280 / 9254	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
10450 / 10424	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
11380 / 11354	DEF AT local marker floral decrease	DEF AT
11680 / 11654	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 103	Date of Summary: 07-DEC-1984	First Sample Examined: 374
Lease Number: G05663	Source of Paleo: OPERATOR	Borehole MD: 11681
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11681
API Well Number: 177184004700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 374 - 11680	Water Depth: 280
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
374 / 374	DEF AT first sample examined	DEF AT 2
910 / 910	DEF AT - - - - -	DEF AT 3
1150 / 1150	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2950 / 2931	DEF AT - - - - -	DEF AT 4
5290 / 5265	DEF AT - - - - -	DEF AT 5
7330 / 7304	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
9280 / 9254	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10030 / 10004	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
10360 / 10334	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10539 / 10513	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10540 / 10514	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10750 / 10724	DEF AT local marker benthic foram increase	DEF AT 5
11590 / 11564	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11650 / 11624	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 103	Date of Summary: 07-DEC-1984	First Sample Examined: 7170
Lease Number: G05663	Source of Paleo: OPERATOR	Borehole MD: 13830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12995
API Well Number: 177184004701	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 7170 - 13820	Water Depth: 280
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7170 / 7144	DEF AT first sample examined	DEF AT 5
7320 / 7293	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 5
9480 / 9281	DEF AT local marker foram increase	DEF AT 5
10410 / 9992	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
10910 / 10385	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11120 / 10545	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11480 / 10820	DEF AT local marker benthic foram increase	DEF AT 5
12650 / 11864	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13820 / 12986	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 103	Date of Summary: 02-FEB-1985	First Sample Examined: 11300
Lease Number: G05663	Source of Paleo: OPERATOR	Borehole MD: 13830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12995
API Well Number: 177184004701	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 11300 - 13850	Water Depth: 280
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11300 / 10683	DEF AT first sample examined	DEF AT
11301 / 10684	DEF IN Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
11510 / 10843	DEF AT local marker floral decrease	DEF AT
11990 / 11258	POS AT local marker floral increase	DEF AT
12050 / 11311	DEF AT local marker floral decrease	DEF AT
12200 / 11448	DEF AT sample gap top	DEF AT
12680 / 11893	DEF AT sample gap bottom	DEF AT
12740 / 11950	DEF AT local marker floral decrease	DEF AT
13850 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 106	Date of Summary: 11-MAY-1972	First Sample Examined: 1500
Lease Number: G01061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11064
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11064
API Well Number: 177180000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1500 - 11064	Water Depth: 295
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	POS AT 3
1501 /	POS AT reworked material	POS AT 3
1502 /	POS IN Holocene Globorotalia inflata	DEF AT 3
1620 /	POS AT local marker benthic foram increase	DEF AT 3
2400 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3180 /	DEF AT reworked material	POS AT 3
3270 /	DEF AT faunal change (no faunal increase)	DEF IN 2
3390 /	DEF AT local marker benthic foram increase	DEF AT 3
3420 /	DEF AT local marker foram decrease	DEF IN 2
3540 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
4660 /	DEF AT reworked material	POS IN 3
5470 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5560 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5620 /	POS AT local marker foram decrease	DEF AT 3
5950 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
6070 /	DEF AT local marker foram decrease	DEF AT 3
6430 /	DEF AT pyrite	DEF AT 3
6690 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
6750 /	DEF AT local marker foram decrease	DEF AT 3
6840 /	DEF AT local marker foram increase	DEF IN 3
6900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6990 /	POS AT local marker foram decrease	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 106	Date of Summary: 11-MAY-1972	First Sample Examined: 1500
Lease Number: G01061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11064
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11064
API Well Number: 177180000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1500 - 11064	Water Depth: 295
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7950 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
7980 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8009 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8010 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8040 /	DEF AT pyrite	DEF IN 3
8070 /	DEF AT local marker foram decrease	DEF AT 3
8100 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
8219 /	DEF AT cement	DEF AT 3
8220 /	DEF AT local marker foram decrease	DEF AT 3
8430 /	DEF AT local marker foram increase	DEF IN 3
8490 /	DEF AT sample gap top	POS IN 3
8550 /	DEF AT sample gap bottom	DEF IN 3
8789 /	DEF AT pyrite	DEF IN 3
8790 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 3
8820 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
8850 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 3
8940 /	DEF AT pyrite	DEF AT 3
8970 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
9270 /	POS AT local marker foram decrease	DEF IN 2
9750 /	POS AT local marker foram increase	DEF AT 3
9900 /	POS AT local marker foram decrease	DEF IN 2
10160 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
10309 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10310 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 106	Date of Summary: 11-MAY-1972	First Sample Examined: 1500
Lease Number: G01061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11064
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11064
API Well Number: 177180000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1500 - 11064	Water Depth: 295
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10370 /	POS AT local marker foram decrease	DEF AT 3
10820 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
10880 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10910 /	POS AT reworked material	DEF AT 3
10940 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11030 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
11060 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11064 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 110	Date of Summary: 10-OCT-1971	First Sample Examined: 3787
Lease Number: 00835	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12402
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12402
API Well Number: 177180000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3787 - 12410	Water Depth: 295
Public Info Code: Y 20-APR-1964	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3787 /	DEF AT first sample examined	POS AT 4
3788 /	DEF AT cement	POS AT 4
4090 /	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4660 /	POS AT local marker foram decrease	DEF AT 4
5860 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6440 /	DEF AT local marker foram decrease	DEF AT 5
6530 /	DEF AT local marker benthic foram increase	DEF AT 5
6740 /	DEF AT local marker foram decrease	DEF AT 5
6860 /	DEF AT local marker benthic foram increase	DEF AT 5
6980 /	DEF AT local marker foram decrease	DEF AT 5
7100 /	DEF AT local marker foram increase	DEF AT 5
7220 /	DEF AT local marker foram decrease	DEF AT 5
7300 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7670 /	DEF AT local marker foram decrease	DEF AT 5
7790 /	DEF AT local marker foram increase	DEF AT 5
7850 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8330 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
8960 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
9170 /	DEF AT local marker foram decrease	DEF AT 5
9590 /	DEF AT local marker foram increase	DEF AT 5
10130 /	DEF AT glauconite	DEF AT 5
10400 /	DEF AT local marker foram decrease	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 110	Date of Summary: 10-OCT-1971	First Sample Examined: 3787
Lease Number: 00835	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12402
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12402
API Well Number: 177180000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3787 - 12410	Water Depth: 295
Public Info Code: Y 20-APR-1964	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10680 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
10909 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
10910 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 6
11120 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 6
11740 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
11800 /	DEF AT local marker foram decrease	DEF AT 6
11830 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
11890 /	DEF AT local marker planktic foram increase	DEF AT 6
12350 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
12410 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 112	Date of Summary: 23-OCT-1985	First Sample Examined: 1450
Lease Number: G06784	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9249
API Well Number: 177184005100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1450 - 9260	Water Depth: 374
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1450 / 1450	DEF AT first sample examined	POS AT 4
1451 / 1451	DEF IN cement	POS AT 4
1660 / 1660	DEF AT faunal change (no faunal increase)	DEF IN 4
1690 / 1690	DEF AT faunal change (no faunal increase)	DEF AT 5
4000 / 4000	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
4360 / 4360	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8000 / 8000	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8120 / 8120	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8300 / 8300	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9260 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 113	Date of Summary: 04-APR-1985	First Sample Examined: 0
Lease Number: G05666	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10623
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10101
API Well Number: 177184004900	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 520
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 / 2019	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
4930 / 4778	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
6820 / 6501	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6850 / 6529	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8230 / 7807	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8350 / 7920	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 116	Date of Summary: 06-JUN-1972	First Sample Examined: 940
Lease Number: 00836	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12390
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12390
API Well Number: 177180000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 940 - 12370	Water Depth: 313
Public Info Code: Y 20-APR-1964	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
940 /	DEF AT first sample examined	POS AT 2
941 /	DEF AT cement	POS AT 2
1220 /	DEF AT local marker foram increase	DEF AT 4
1420 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1510 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
1600 /	DEF AT local marker benthic foram increase	DEF AT 3
1690 /	DEF AT local marker planktic foram increase	DEF AT 3
1930 /	DEF AT local marker foram decrease	DEF IN 2
2290 /	DEF AT local marker benthic foram increase	DEF AT 2
2380 /	POS AT local marker foram increase	DEF IN 2
2440 /	DEF AT local marker benthic foram increase	DEF AT 3
2470 /	POS AT local marker foram decrease	DEF IN 2
2650 /	DEF AT local marker foram decrease	DEF AT 2
2961 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
3051 /	POS AT local marker foram decrease	DEF IN 2
3141 /	DEF AT local marker foram increase	DEF AT 3
3441 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3501 /	DEF AT local marker benthic foram increase	DEF AT 3
3590 /	POS AT reworked material	POS AT 2
4520 /	DEF AT local marker benthic foram increase	DEF AT 3
4550 /	POS AT local marker foram decrease	DEF IN 2
5090 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 116	Date of Summary: 06-JUN-1972	First Sample Examined: 940
Lease Number: 00836	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12390
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12390
API Well Number: 177180000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 940 - 12370	Water Depth: 313
Public Info Code: Y 20-APR-1964	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5570 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
5659 /	DEF AT foram flood	DEF AT 3
5660 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5690 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
5750 /	DEF AT cement	DEF IN 2
6140 /	POS AT local marker foram increase	DEF AT 3
6200 /	DEF AT local marker benthic foram increase	DEF AT 3
6380 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6410 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 2
6830 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6860 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
7340 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
7370 /	DEF AT local marker foram decrease	DEF IN 2
7880 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7940 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8149 /	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
8150 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
8300 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
8480 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
9170 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
9650 /	POS AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 3
9770 /	DEF AT local marker benthic foram increase	DEF AT 3
9950 /	POS AT Cyclammina cancellata (local marker)	DEF AT 3
10160 /	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GI 116	Date of Summary: 06-JUN-1972	First Sample Examined: 940
Lease Number: 00836	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12390
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12390
API Well Number: 177180000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 940 - 12370	Water Depth: 313
Public Info Code: Y 20-APR-1964	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10260 /	DEF AT pyrite	DEF AT 3
10290 /	DEF AT local marker foram decrease	POS AT 3
10320 /	DEF AT cement	POS AT 3
10819 /	DEF AT Bathysiphon fauna	DEF IN 3
10820 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 3
10940 /	DEF AT local marker planktic foram increase	DEF IN 3
11240 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11330 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
11569 /	DEF AT Bathysiphon fauna	DEF AT 4
11570 /	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
11660 /	DEF AT local marker foram decrease	DEF IN 3
11720 /	POS AT local marker foram increase	DEF AT 4
12100 /	DEF AT Bathysiphon fauna	DEF IN 3
12190 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 3
12220 /	DEF AT local marker foram increase	DEF AT 4
12340 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
12370 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GV 707	Date of Summary: 14-NOV-1985	First Sample Examined: 12890
Lease Number: G06456	Source of Paleo: OPERATOR	Borehole MD: 15941
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15941
API Well Number: 608334000100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 3	Sample Range: 12890 - 15860	Water Depth: 70
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Palynological (spores, pollen and dinoflagellates) report by Terry Hutter, base of well exhibits floral similarities to Triassic Eagle Mills sequence although it shows some similarities with the Triassic continental redbeds of Virginia, Colorado and Utah (ie, Chinle Formation), most probable age range for the samples is Cretaceous through Triassic (possibly within the Carnian), 14480=abundant Triassic (Carnian) spores, bisaccate pollen and woody debris), with the exception of the Cretaceous age samples, the samples most likely represent a continental redbed-boulder field sequence, within this sequence volcanoclastics are prevalent, the majority of the organics in the samples are assumed to be air-deposited into the system, extensive oxidation in a continental sequence and aerial transport result in low organic recovery rates, the best organic recovery rates within the continental sequence occur in tuffs

MD / TVD	Paleo Top Description	Ecozone
12890 /	DEF AT first sample examined	DEF AT
13378 /	POS IN Lower Cretaceous Aptian Stage	DEF AT
14480 /	POS AT Triassic	DEF AT
14780 /	POS IN Triassic	DEF AT
15860 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GV 707	Date of Summary: 23-JAN-1986	First Sample Examined: 1230
Lease Number: G06456	Source of Paleo: OPERATOR	Borehole MD: 15941
Well Name: 001	Paleo Done By: REECE DE GRAFFENRIED	Borehole TVD: 15941
API Well Number: 608334000100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 3	Sample Range: 1230 - 15940	Water Depth: 70
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 /	DEF AT first sample examined	DEF AT 1
1430 /	DEF AT Middle Eocene Claiborne Group/Provincial Stage	DEF AT 1
3290 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 1
3440 /	DEF AT Cretaceous	DEF AT 1
3500 /	DEF AT - - - - -	DEF AT 2
3530 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 2
3950 /	POS IN Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT 2
4700 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2
4820 /	DEF AT - - - - -	DEF AT 1
5000 /	DEF AT Lower (Early) Cretaceous	DEF AT 1
5750 /	DEF AT non-marine sediment	DEF AT 0
13670 /	DEF AT sample gap top	DEF AT
13910 /	DEF AT sample gap bottom	DEF AT
14180 /	DEF AT sample gap top	DEF AT
15860 /	DEF AT sample gap bottom	DEF AT
15920 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GV 707	Date of Summary: 21-FEB-1986	First Sample Examined: 1250
Lease Number: G06456	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15941
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15941
API Well Number: 608334000100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 3 of 3	Sample Range: 1250 - 15950	Water Depth: 70
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 14690=possible Early Mesozoic strata, based on unspecified ostracods

MD / TVD	Paleo Top Description	Ecozone
1250 /	DEF AT first sample examined	DEF AT
1251 /	POS IN Middle Eocene (Bartonian) Ceratobulimina eximia	DEF AT
1370 /	DEF AT miliolid limestone	DEF AT
1550 /	DEF AT local marker foram increase	DEF AT
1700 /	POS AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT
2000 /	DEF AT local marker foram decrease	DEF AT
3200 /	POS AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
3410 /	POS AT Upper (Late) Cretaceous	DEF AT
3530 /	DEF IN Upper Cretaceous Navarro Group/Provincial Stage	DEF AT
3590 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
3950 /	DEF AT Upper Cretaceous (Campanian) Planoglobulina taylorana	DEF AT
4670 /	DEF AT local marker foram increase	DEF AT
4700 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
4820 /	DEF AT local marker ostracod (see remarks)	DEF AT
4910 /	DEF AT local marker ostracod (see remarks)	DEF AT
4970 /	DEF AT local marker foram decrease	DEF AT
5150 /	DEF IN Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
5180 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT
5210 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
5240 /	POS AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
5420 /	POS AT charophytes	DEF AT
6620 /	DEF AT charophytes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: GV 707	Date of Summary: 21-FEB-1986	First Sample Examined: 1250
Lease Number: G06456	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15941
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15941
API Well Number: 608334000100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 3 of 3	Sample Range: 1250 - 15950	Water Depth: 70
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6770 /	DEF AT anhydrite	DEF AT
7340 /	POS AT reworked material	DEF AT
9290 /	POS AT non-marine sediment	DEF AT 0
11360 /	POS AT volcanics	DEF AT
14690 /	DEF AT local marker ostracod (see remarks)	DEF AT
15950 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 34	Date of Summary: 28-JUL-1977	First Sample Examined: 5000
Lease Number: G03114	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 16000
API Well Number: 427084004000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 5000 - 16000	Water Depth: 37
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: N	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 1
5150 / 5150	DEF AT -----	POS AT 1
5210 / 5210	DEF AT -----	DEF AT 1
6110 / 6110	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
8300 / 8300	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8630 / 8630	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
8720 / 8720	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 1
9560 / 9560	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 1
9650 / 9650	POS AT -----	DEF AT 2
9680 / 9680	DEF AT -----	DEF AT 2
9860 / 9860	DEF AT -----	DEF AT 1
9890 / 9890	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 1
10520 / 10520	DEF AT -----	DEF AT 2
10550 / 10550	DEF AT -----	DEF AT 3
10850 / 10850	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
11250 / 11249	DEF AT -----	DEF AT 1
11760 / 11759	DEF AT -----	DEF AT 2
11850 / 11849	DEF AT -----	DEF AT 2
11910 / 11909	DEF AT -----	DEF AT 3
12660 / 12659	DEF AT -----	DEF AT 2
13440 / 13438	DEF AT -----	DEF AT 3
14400 / 14397	DEF AT -----	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 34	Date of Summary: 28-JUL-1977	First Sample Examined: 5000
Lease Number: G03114	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 16000
API Well Number: 427084004000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 5000 - 16000	Water Depth: 37
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: N	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14520 / 14517	DEF AT - - - - -	DEF AT 1
16000 / 15996	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 34	Date of Summary: 13-MAY-1978	First Sample Examined: 10130
Lease Number: G03114	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16000
API Well Number: 427084004000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 10130 - 16000	Water Depth: 37
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10130 / 10130	DEF AT first sample examined	POS AT 3
10220 / 10220	DEF IN Lower Miocene (Burdigalian) <i>Robulus chambersi</i>	POS AT 3
10280 / 10280	DEF AT <i>Cyclammina</i> sp. (local marker)	POS AT 3
10370 / 10370	DEF AT Lower Miocene (Aquitanian) <i>Siphonina davisi</i>	DEF AT 3
10580 / 10580	DEF AT faunal change (no faunal increase)	DEF AT 4
10700 / 10700	DEF AT Lower Miocene (Aquitanian) <i>Globigerinoides primordius</i>	DEF AT 4
10790 / 10790	DEF AT Lower Miocene (Aquitanian) <i>Lenticulina hanseni</i>	DEF AT 4
13410 / 13408	POS AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 4
14850 / 14847	DEF AT faunal change (no faunal increase)	DEF AT 2
16000 / 15996	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 35	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G04075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10261
API Well Number: 427084009200	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 04-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6555 / 6283	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9105 / 8665	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10455 / 9936	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 35	Date of Summary: 28-JUN-1985	First Sample Examined: 8000
Lease Number: G04075	Source of Paleo: OPERATOR	Borehole MD: 15447
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15431
API Well Number: 427084015900	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 8000 - 15460	Water Depth: 40
Public Info Code: Y 04-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 / 8000	DEF AT first sample examined	POS AT 1
8630 / 8630	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
9140 / 9140	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
9620 / 9619	POS AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 1
10820 / 10818	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
15460 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 38	Date of Summary: 20-JAN-1981	First Sample Examined: 1050
Lease Number: G04077	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11592
API Well Number: 427104001300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 63
Paleo Report Num: 1 of 3	Sample Range: 1050 - 11250	Water Depth: 36
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1050 / 1050	DEF AT first sample examined	DEF IN 1
2850 / 2850	DEF AT - - - - -	DEF AT 2
6960 / 6960	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8250 / 8250	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9000 / 9000	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11250 / 11244	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 38	Date of Summary: 07-MAY-1981	First Sample Examined: 10560
Lease Number: G04077	Source of Paleo: OPERATOR	Borehole MD: 11600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11592
API Well Number: 427104001300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 63
Paleo Report Num: 2 of 3	Sample Range: 10560 - 11590	Water Depth: 36
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 / 10560	DEF AT first sample examined	DEF AT 3
10561 / 10561	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11410 / 11403	DEF AT - - - - -	DEF AT 4
11470 / 11463	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11590 / 11582	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 38	Date of Summary: 11-MAR-1984	First Sample Examined: 1080
Lease Number: G04077	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11600
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 11592
API Well Number: 427104001300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 63
Paleo Report Num: 3 of 3	Sample Range: 1080 - 11250	Water Depth: 36
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1080 / 1080	DEF AT first sample examined	DEF AT
1081 / 1081	DEF AT poor sample interval top	DEF AT
5490 / 5490	DEF AT local marker foram increase	DEF AT 2
6870 / 6870	POS AT Middle Miocene (Langhian) Amphistegina "B"	POS AT 2
8280 / 8280	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 2
9030 / 9030	POS AT Lower Miocene (Burdigalian) Robulus chambersi	POS AT 2
9690 / 9690	DEF AT local marker benthic foram increase	POS AT 2
11219 / 11213	DEF AT poor sample interval bottom	POS AT 2
11250 / 11244	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 38	Date of Summary: 21-APR-1982	First Sample Examined: 330
Lease Number: G04077	Source of Paleo: OPERATOR	Borehole MD: 14048
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13349
API Well Number: 427104001400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 3	Sample Range: 330 - 11980	Water Depth: 40
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
330 / 330	DEF AT first sample examined	DEF IN 1
3060 / 3060	DEF AT - - - - -	DEF AT 2
5490 / 5489	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6930 / 6929	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
7680 / 7678	DEF AT sample gap top	POS AT 2
7900 / 7896	DEF AT sample gap bottom	DEF AT 2
8290 / 8268	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9100 / 8990	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9970 / 9745	DEF AT local marker (general)	DEF AT 3
10870 / 10538	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11980 / 11506	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 38	Date of Summary: 21-APR-1982	First Sample Examined: 11200
Lease Number: G04077	Source of Paleo: OPERATOR	Borehole MD: 14048
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13349
API Well Number: 427104001400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 3	Sample Range: 11200 - 12815	Water Depth: 40
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11200 / 10832	DEF AT first sample examined	DEF AT 3
11201 / 10833	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12520 / 11965	POS AT - - - - -	DEF AT 4
12815 / 12228	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 38	Date of Summary: 21-APR-1982	First Sample Examined: 11620
Lease Number: G04077	Source of Paleo: OPERATOR	Borehole MD: 14048
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13349
API Well Number: 427104001400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 3 of 3	Sample Range: 11620 - 14048	Water Depth: 40
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11620 / 11197	DEF AT first sample examined	DEF AT 2
12475 / 11926	POS AT -----	DEF AT 4
12580 / 12017	DEF AT -----	DEF AT 4
13650 / 12995	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 4
13923 / 13238	DEF AT -----	DEF AT 5
14048 / 13346	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

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Area Block: HI 46	Date of Summary: 15-JAN-1974	First Sample Examined: 0
Lease Number: G02394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11666
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11666
API Well Number: 427104000500	Drilling Operator: MITCHELL ENERGY OFFSHORE CORP	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7410 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7860 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8640 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9360 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
9960 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 49	Date of Summary: 29-NOV-1983	First Sample Examined: 0
Lease Number: G04571	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11551
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11551
API Well Number: 427084011900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 10700	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 49	Date of Summary: 03-JUL-1985	First Sample Examined: 0
Lease Number: G04571	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13472
API Well Number: 427084018000	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9320 / 9316	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9560 / 9556	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10460 / 10456	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 52	Date of Summary: 30-JUN-1973	First Sample Examined: 0
Lease Number: 00509	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 427084001000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 12-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8080 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8470 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 52	Date of Summary: 11-DEC-1973	First Sample Examined: 7900
Lease Number: 00511	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8886
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 8326
API Well Number: 427084001300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 7900 - 8886	Water Depth: 41
Public Info Code: Y 11-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7347	DEF AT first sample examined	DEF AT
8190 / 7634	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8550 / 7992	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
8886 / 8328	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 65	Date of Summary: 03-JUL-1985	First Sample Examined: 4890
Lease Number: G06142	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 427084016100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 4890 - 10499	Water Depth: 46
Public Info Code: Y 30-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4890 / 4890	DEF AT first sample examined	POS AT 2
5760 / 5760	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6030 / 6030	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7870 / 7870	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8140 / 8140	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8500 / 8500	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9034 / 9033	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
9315 / 9313	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF IN 2
9663 / 9655	DEF AT Cyclammia cancellata (local marker)	DEF AT 3
10499 / 10462	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 68	Date of Summary: 26-JUL-1984	First Sample Examined: 3327
Lease Number: 00514	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11018
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11018
API Well Number: 427080002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 56
Paleo Report Num: 2 of 2	Sample Range: 3327 - 11030	Water Depth: 42
Public Info Code: Y 03-JUL-1967	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3327 /	DEF AT first sample examined	DEF AT
3328 /	DEF AT cement	DEF AT
5550 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5706 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6014 /	DEF AT poor sample interval top	DEF AT 2
7521 /	DEF AT foram flood	DEF AT 2
7771 /	DEF AT local marker foram increase	DEF AT 2
7833 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8281 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8330 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9140 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9590 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
9890 /	DEF AT local marker foram increase	DEF AT 4
10070 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
11029 /	DEF AT poor sample interval bottom	DEF AT 4
11030 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 69	Date of Summary: 31-MAR-1980	First Sample Examined: 0
Lease Number: G01111	Source of Paleo: OPERATOR	Borehole MD: 12007
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11305
API Well Number: 427080006900	Drilling Operator: STANDARD OIL COMPANY OF TEXAS	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 03-JUL-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5900 / 5592	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6050 / 5735	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
6230 / 5905	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
6530 / 6187	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
7040 / 6661	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8600 / 8091	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9320 / 8771	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11360 / 10707	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 20-DEC-1969	First Sample Examined: 2050
Lease Number: G01812	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8153
Well Name: A002	Paleo Done By: LEE LATTA	Borehole TVD: 8153
API Well Number: 427083002300	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2050 - 8153	Water Depth: 38
Public Info Code: Y 27-NOV-1971	Ecozone Eq MMS: N	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2050 /	DEF AT first sample examined	DEF AT
2950 /	DEF AT pyrite	DEF AT
3100 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3880 /	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
4120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4360 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
4600 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4601 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
4930 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5080 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5860 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
6100 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6610 /	POS AT charophytes	DEF AT
7090 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7150 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
7450 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7690 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8153 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 12-DEC-1969	First Sample Examined: 626
Lease Number: G01815	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9212
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 8500
API Well Number: 427083002200	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 626 - 9212	Water Depth: 38
Public Info Code: Y 24-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
626 / 626	DEF AT first sample examined	DEF AT
3080 / 2875	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4100 / 3763	DEF AT pyrite	DEF AT
4220 / 3869	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4340 / 3976	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4640 / 4243	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
4669 / 4269	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4670 / 4270	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
4760 / 4351	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5480 / 4993	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6110 / 5551	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
6380 / 5792	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7700 / 6968	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8359 / 7551	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
8360 / 7552	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
9170 / 8269	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9212 / 8306	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 14-MAR-1970	First Sample Examined: 660
Lease Number: G01818	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10466
Well Name: A004	Paleo Done By: LEE LATTA	Borehole TVD: 9539
API Well Number: 427083002800	Drilling Operator: TEXACO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 660 - 10496	Water Depth: 38
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
660 / 660	DEF AT first sample examined	DEF AT
661 / 661	DEF AT cement	DEF AT
1140 / 1139	DEF AT pyrite	DEF AT
3210 / 3052	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3870 / 3627	DEF AT pyrite	DEF AT
4140 / 3856	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4260 / 3958	DEF AT pyrite	DEF AT
4500 / 4166	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
4799 / 4425	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
4800 / 4426	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
4950 / 4557	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5520 / 5054	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6160 / 5610	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
6250 / 5688	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
6431 / 5847	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6580 / 5978	DEF AT pyrite	DEF AT
7750 / 7011	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7780 / 7037	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8230 / 7439	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
8470 / 7656	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8800 / 7957	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9160 / 8288	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 14-MAR-1970	First Sample Examined: 660
Lease Number: G01818	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10466
Well Name: A004	Paleo Done By: LEE LATTA	Borehole TVD: 9539
API Well Number: 427083002800	Drilling Operator: TEXACO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 660 - 10496	Water Depth: 38
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 / 8567	DEF AT pyrite	DEF AT
9910 / 8997	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10353 / 9429	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10496 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 14-FEB-1970	First Sample Examined: 5000
Lease Number: G01819	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10313
Well Name: A003	Paleo Done By: LEE LATTA	Borehole TVD: 9500
API Well Number: 427083002500	Drilling Operator: TEXACO INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10342	Water Depth: 36
Public Info Code: Y 29-JUL-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4655	DEF AT first sample examined	DEF AT
5001 / 4656	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5510 / 5109	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6170 / 5689	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
6320 / 5822	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
6350 / 5849	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6980 / 6427	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7700 / 7101	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8300 / 7687	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
8450 / 7836	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
8600 / 7985	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9200 / 8582	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9980 / 9359	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10342 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 24-NOV-1980	First Sample Examined: 1020
Lease Number: G03745	Source of Paleo: OPERATOR	Borehole MD: 13020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13020
API Well Number: 427084007700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1020 - 13010	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 / 1020	DEF AT first sample examined	DEF AT
1021 / 1021	DEF AT non-marine sediment	DEF AT 0
1230 / 1230	DEF AT non-marine sediment	DEF AT 0
1500 / 1500	DEF AT non-marine sediment	DEF AT 0
1740 / 1740	DEF AT non-marine sediment	DEF AT 0
1800 / 1800	DEF AT non-marine sediment	DEF AT 0
2190 / 2190	DEF AT non-marine sediment	DEF AT 0
2280 / 2280	DEF AT - - - - -	DEF AT 1
2690 / 2690	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3050 / 3050	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 1
3170 / 3170	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
3410 / 3410	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3770 / 3770	DEF AT faunal change (no faunal increase)	DEF IN 1
3830 / 3830	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
3890 / 3890	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
3950 / 3950	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
3980 / 3980	DEF AT - - - - -	POS IN 1
4250 / 4250	DEF AT - - - - -	DEF AT 1
4490 / 4490	DEF AT - - - - -	DEF IN 1
4550 / 4550	DEF AT - - - - -	DEF AT 1
5180 / 5179	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5420 / 5419	DEF AT local marker benthic foram increase	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 24-NOV-1980	First Sample Examined: 1020
Lease Number: G03745	Source of Paleo: OPERATOR	Borehole MD: 13020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13020
API Well Number: 427084007700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1020 - 13010	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5480 / 5479	DEF AT shell fragments	DEF IN 1
5600 / 5599	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6350 / 6348	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
6710 / 6708	DEF AT -----	DEF AT 2
6740 / 6738	DEF AT -----	DEF AT 1
6800 / 6798	DEF AT -----	DEF AT 2
6830 / 6828	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
7280 / 7277	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7520 / 7517	DEF AT -----	DEF AT 1
7580 / 7577	DEF AT -----	DEF AT 2
7640 / 7637	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7730 / 7727	DEF AT -----	DEF AT 1
7880 / 7877	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8060 / 8057	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8690 / 8686	DEF AT Cyclammina sp. (local marker)	DEF AT 2
8840 / 8836	DEF AT -----	DEF IN 1
9110 / 9106	DEF AT local marker foram increase	DEF AT 2
9260 / 9256	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9770 / 9766	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
10070 / 10066	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10130 / 10126	DEF AT local marker deep water fauna	DEF AT 3
10160 / 10156	DEF AT -----	DEF AT 2
10250 / 10246	DEF AT -----	DEF AT 3
10280 / 10276	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 71	Date of Summary: 24-NOV-1980	First Sample Examined: 1020
Lease Number: G03745	Source of Paleo: OPERATOR	Borehole MD: 13020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13020
API Well Number: 427084007700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1020 - 13010	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10430 / 10426	DEF AT - - - - -	DEF AT 2
10700 / 10696	DEF AT cement	DEF AT 2
11690 / 11686	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
11780 / 11775	DEF AT - - - - -	DEF AT 3
12320 / 12315	DEF AT local marker deep water fauna	DEF AT 5
12410 / 12405	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
12500 / 12495	DEF AT - - - - -	DEF AT 4
12560 / 12555	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
12680 / 12675	DEF AT - - - - -	DEF IN 3
12860 / 12855	DEF AT - - - - -	DEF AT 4
13010 / 13005	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 74	Date of Summary: 13-APR-1976	First Sample Examined: 4510
Lease Number: G03116	Source of Paleo: OPERATOR	Borehole MD: 14608
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14565
API Well Number: 427104000900	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 4510 - 14605	Water Depth: 43
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 / 4510	DEF AT first sample examined	DEF AT 3
4511 / 4511	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5260 / 5260	DEF AT - - - - -	DEF AT 2
5970 / 5970	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6360 / 6360	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6590 / 6590	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
6890 / 6890	DEF AT - - - - -	DEF AT 3
7190 / 7190	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7460 / 7460	DEF AT - - - - -	DEF AT 4
7760 / 7760	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
8030 / 8030	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
8120 / 8120	DEF AT - - - - -	DEF AT 3
8690 / 8690	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
9460 / 9460	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
9550 / 9550	DEF AT - - - - -	DEF AT 3
10180 / 10180	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
11380 / 11379	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
11920 / 11918	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 5
14605 / 14576	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 76	Date of Summary: 13-JUN-1979	First Sample Examined: 4500
Lease Number: G03749	Source of Paleo: OPERATOR	Borehole MD: 13250
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13244
API Well Number: 427104001000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 4500 - 13250	Water Depth: 40
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4499	DEF AT first sample examined	POS AT 2
4501 / 4500	DEF AT cement	POS AT 2
4740 / 4739	DEF AT - - - -	DEF AT 2
4890 / 4889	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5940 / 5939	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6390 / 6389	DEF AT poor sample interval top	POS AT 3
6630 / 6629	DEF AT poor sample interval bottom	DEF AT 3
6660 / 6659	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
6840 / 6839	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
7079 / 7078	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
7080 / 7079	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
7400 / 7399	DEF AT - - - -	DEF AT 3
7860 / 7859	DEF AT - - - -	DEF AT 4
8490 / 8489	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
9330 / 9329	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
9540 / 9539	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
9840 / 9839	DEF AT - - - -	DEF AT 4
11040 / 11039	DEF AT local marker benthic foram increase	DEF AT 4
11250 / 11248	DEF AT - - - -	DEF AT 5
11310 / 11308	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 5
11460 / 11458	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 5
11610 / 11608	DEF AT - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 76	Date of Summary: 13-JUN-1979	First Sample Examined: 4500
Lease Number: G03749	Source of Paleo: OPERATOR	Borehole MD: 13250
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13244
API Well Number: 427104001000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 4500 - 13250	Water Depth: 40
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11970 / 11967	DEF AT local marker foram increase	DEF AT 5
12180 / 12177	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12710 / 12706	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13190 / 13184	DEF AT local marker foram increase	DEF AT 5
13191 / 13185	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13250 / 13244	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 76	Date of Summary: 30-NOV-1983	First Sample Examined: 4500
Lease Number: G03749	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13250
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13244
API Well Number: 427104001000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4500 - 13250	Water Depth: 40
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4499	DEF AT first sample examined	POS AT 2
4501 / 4500	DEF AT cement	POS AT 2
4830 / 4829	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4890 / 4889	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5010 / 5009	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
5820 / 5819	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5940 / 5939	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6030 / 6029	DEF AT local marker planktic foram increase	DEF AT 3
6660 / 6659	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
6840 / 6839	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7080 / 7079	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8040 / 8039	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
8430 / 8429	DEF AT local marker benthic foram increase	DEF AT 3
8490 / 8489	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
8520 / 8519	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9150 / 9149	DEF AT local marker foram decrease	DEF IN 2
9240 / 9239	DEF AT local marker planktic foram increase	DEF AT 3
9390 / 9389	DEF AT foram flood	DEF AT 3
9420 / 9419	DEF AT miliolid limestone	DEF AT 3
9540 / 9539	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9600 / 9599	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9870 / 9869	DEF AT local marker foram decrease	DEF IN 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 76	Date of Summary: 30-NOV-1983	First Sample Examined: 4500
Lease Number: G03749	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13250
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13244
API Well Number: 427104001000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4500 - 13250	Water Depth: 40
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9960 / 9959	DEF AT local marker planktic foram increase	DEF AT 3
10080 / 10079	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10140 / 10139	DEF AT local marker foram decrease	DEF AT 3
10920 / 10919	DEF AT local marker planktic foram increase	DEF IN 3
11459 / 11457	DEF AT local marker planktic foram increase	DEF IN 3
11460 / 11458	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
12000 / 11997	DEF AT local marker foram increase	DEF AT 4
12180 / 12177	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12740 / 12736	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13070 / 13065	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
13220 / 13214	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
13250 / 13244	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 86	Date of Summary: 10-JUN-1970	First Sample Examined: 620
Lease Number: G01817	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10145
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10145
API Well Number: 427083004300	Drilling Operator: TEXACO INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 620 - 10145	Water Depth: 45
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
620 /	DEF AT first sample examined	DEF AT
621 /	DEF AT cement	DEF AT
3024 /	DEF AT - - - -	DEF AT 1
3170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3758 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4383 /	DEF AT pyrite	DEF AT 2
4518 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4783 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
4873 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5221 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5308 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5932 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5977 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
6560 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6649 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7932 /	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
7994 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
8253 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8389 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
8479 /	POS IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8686 /	DEF AT local marker planktic foram increase	DEF AT 4
8847 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 86	Date of Summary: 10-JUN-1970	First Sample Examined: 620
Lease Number: G01817	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10145
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10145
API Well Number: 427083004300	Drilling Operator: TEXACO INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 620 - 10145	Water Depth: 45
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9027 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9250 /	DEF AT local marker foram decrease	DEF AT 4
9602 /	DEF AT local marker foram increase	DEF AT 4
10145 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 86	Date of Summary: 10-JUL-1969	First Sample Examined: 860
Lease Number: G21349	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13347
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11966
API Well Number: 427080009200	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 860 - 13355	Water Depth: 43
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
860 / 860	DEF AT first sample examined	DEF AT
3450 / 3194	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4580 / 4190	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4730 / 4324	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5080 / 4638	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5350 / 4878	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5440 / 4957	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
6700 / 6079	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7700 / 6968	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
8150 / 7367	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
8240 / 7446	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8330 / 7525	POS AT local marker planktic foram increase	DEF AT 3
8690 / 7844	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8780 / 7924	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
9320 / 8402	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9620 / 8667	DEF AT gray shale	DEF AT 3
10335 / 9300	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11740 / 10544	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
13355 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 87	Date of Summary: 23-OCT-1969	First Sample Examined: 30500
Lease Number: G01818	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10500
API Well Number: 427083001500	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3050 - 10500	Water Depth: 42
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 /	DEF AT first sample examined	DEF AT
3080 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3110 /	DEF AT pyrite	DEF AT
3380 /	DEF AT pyrite	DEF AT
4040 /	DEF AT siltstone	DEF AT
4550 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4820 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
5030 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5031 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5390 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5780 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6230 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
6290 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
6530 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7250 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
7610 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7700 /	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
7730 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7850 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
8120 /	DEF AT foram flood	DEF AT
8121 /	DEF AT local marker planktic foram increase	DEF AT
8420 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 87	Date of Summary: 23-OCT-1969	First Sample Examined: 30500
Lease Number: G01818	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10500
API Well Number: 427083001500	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3050 - 10500	Water Depth: 42
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8570 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9578 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 88	Date of Summary: 10-MAY-1969	First Sample Examined: 4560
Lease Number: G01819	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12420
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12420
API Well Number: 427080009800	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4560 - 12420	Water Depth: 38
Public Info Code: Y 29-JUL-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 /	DEF AT first sample examined	DEF AT
4561 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4740 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
4770 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5490 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
5760 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6960 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
7110 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
7319 /	DEF AT glauconite	DEF AT
7320 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
7500 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
7680 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7950 /	DEF AT pyrite	DEF AT
8100 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8430 /	DEF AT ash	DEF AT
8850 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
8970 /	DEF AT ash	DEF AT
9390 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9690 /	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT
10260 /	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
10440 /	DEF AT local marker planktic foram increase	DEF AT
10860 /	DEF AT local marker planktic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 88	Date of Summary: 10-MAY-1969	First Sample Examined: 4560
Lease Number: G01819	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12420
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12420
API Well Number: 427080009800	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 4560 - 12420	Water Depth: 38
Public Info Code: Y 29-JUL-1975	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10890 /	DEF AT gray shale	DEF AT
11730 /	DEF AT gray shale	DEF AT
12300 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
12420 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 88	Date of Summary: 28-JUN-1970	First Sample Examined: 612
Lease Number: G01819	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10086
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10086
API Well Number: 427083004500	Drilling Operator: TEXACO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 612 - 10086	Water Depth: 40
Public Info Code: Y 29-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
612 /	DEF AT first sample examined	DEF AT 1
2778 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2910 /	DEF AT pyrite	DEF AT 2
3135 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4013 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4765 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5510 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
5821 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6382 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
7009 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
7323 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
7457 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
7545 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
7633 /	DEF AT local marker planktic foram increase	DEF AT 3
7813 /	DEF AT ash	DEF AT 3
7814 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8331 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8793 /	DEF AT ash	DEF AT 3
9180 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
10086 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 89	Date of Summary: 05-JUN-1985	First Sample Examined: 2260
Lease Number: G07272	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13300
API Well Number: 427084018900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2260 - 13320	Water Depth: 39
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2260 / 2260	DEF AT first sample examined	POS AT 1
2500 / 2500	DEF AT - - - - -	DEF AT 1
2800 / 2800	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3160 / 3160	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
4000 / 4000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4500 / 4500	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5570 / 5570	DEF AT - - - - -	DEF AT 2
7190 / 7190	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
7610 / 7609	DEF AT local marker (general)	DEF AT 3
7670 / 7669	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7730 / 7729	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7850 / 7849	DEF AT - - - - -	DEF AT 2
8420 / 8419	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8480 / 8479	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9200 / 9199	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
9290 / 9289	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
9320 / 9319	DEF AT sample gap top	POS AT 2
9530 / 9529	DEF AT sample gap bottom	DEF AT 2
9920 / 9918	POS AT fault	DEF AT 3
9950 / 9948	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12019 / 12014	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
12020 / 12015	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 89	Date of Summary: 05-JUN-1985	First Sample Examined: 2260
Lease Number: G07272	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13300
API Well Number: 427084018900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2260 - 13320	Water Depth: 39
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13320 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 92	Date of Summary: 10-NOV-1975	First Sample Examined: 1000
Lease Number: G02352	Source of Paleo: OPERATOR	Borehole MD: 13438
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13433
API Well Number: 427084001400	Drilling Operator: OXY USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13440	Water Depth: 45
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
2770 / 2770	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3430 / 3430	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
4900 / 4900	DEF AT sample gap top	POS AT 1
5019 / 5019	DEF AT sample gap bottom	DEF AT 1
5020 / 5020	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5021 / 5021	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
5560 / 5560	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6580 / 6580	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
7240 / 7240	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 1
7330 / 7330	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
7540 / 7540	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7630 / 7630	DEF AT - - - - -	DEF AT 1
8170 / 8170	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9610 / 9610	DEF AT - - - - -	DEF IN 1
9760 / 9760	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 1
9970 / 9969	DEF AT - - - - -	DEF AT 2
10315 / 10314	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10690 / 10689	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 2
12300 / 12298	DEF IN Lower Miocene (Aquitania) Siphonina davis	DEF AT 3
13020 / 13016	DEF AT Lower Miocene (Aquitania) Planulina palmerae	DEF AT 3
13440 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 92	Date of Summary: 03-SEP-1985	First Sample Examined: 6010
Lease Number: G06151	Source of Paleo: OPERATOR	Borehole MD: 14526
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14516
API Well Number: 427084014200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 4630 - 9000	Water Depth: 46
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: 6220=Bigenerina floridana

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 / 6010	DEF AT first sample examined	DEF AT 1
6040 / 6040	DEF AT - - - - -	DEF AT 2
6220 / 6220	DEF AT local marker (general)	DEF AT 2
6520 / 6520	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6880 / 6880	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7720 / 7718	DEF AT - - - - -	DEF AT 1
7810 / 7808	DEF AT - - - - -	DEF AT 2
8680 / 8678	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9000 / 8997	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 92	Date of Summary: 03-SEP-1985	First Sample Examined: 8190
Lease Number: G06151	Source of Paleo: OPERATOR	Borehole MD: 14526
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14516
API Well Number: 427084014200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 7170 - 14526	Water Depth: 46
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8190 / 8188	DEF AT first sample examined	DEF AT 2
8640 / 8638	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9090 / 9087	DEF AT - - - - -	DEF AT 3
9180 / 9177	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9420 / 9417	DEF AT - - - - -	DEF AT 2
9600 / 9597	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10080 / 10076	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10650 / 10646	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
11460 / 11456	DEF AT - - - - -	DEF AT 4
11790 / 11786	DEF AT - - - - -	DEF AT 3
11940 / 11936	DEF AT - - - - -	DEF AT 4
12150 / 12146	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
12210 / 12206	DEF AT - - - - -	DEF AT 5
14526 / 14503	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 93	Date of Summary: 05-APR-1977	First Sample Examined: 0
Lease Number: G03232	Source of Paleo: OPERATOR	Borehole MD: 11936
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11936
API Well Number: 427084004400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 25-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 / 6370	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8500 / 8500	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9500 / 9500	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
10690 / 10684	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 93	Date of Summary: 13-MAR-1980	First Sample Examined: 300
Lease Number: G03232	Source of Paleo: OPERATOR	Borehole MD: 11822
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11822
API Well Number: 427084008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 300 - 11810	Water Depth: 47
Public Info Code: Y 25-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
960 / 960	DEF AT non-marine sediment	DEF AT 1
1440 / 1440	DEF AT non-marine sediment	DEF AT 0
1920 / 1920	DEF AT non-marine sediment	DEF AT 1
2100 / 2100	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2340 / 2340	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2640 / 2640	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 1
2760 / 2760	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
3180 / 3180	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3420 / 3420	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
4020 / 4020	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4320 / 4320	DEF AT pyrite	DEF AT 1
4500 / 4500	DEF AT limestone	DEF AT 1
4501 / 4501	DEF AT shell fragments	DEF AT 1
4502 / 4502	DEF AT pyrite	DEF AT 1
4790 / 4790	DEF AT non-marine sediment	DEF AT 1
4940 / 4940	DEF AT faunal change (no faunal increase)	DEF AT 1
5660 / 5659	DEF AT non-marine sediment	DEF AT 1
5690 / 5689	DEF AT faunal change (no faunal increase)	DEF AT 1
5900 / 5899	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5930 / 5929	DEF AT faunal change (no faunal increase)	DEF AT 2
5960 / 5959	DEF AT faunal change (no faunal increase)	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 93	Date of Summary: 13-MAR-1980	First Sample Examined: 300
Lease Number: G03232	Source of Paleo: OPERATOR	Borehole MD: 11822
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11822
API Well Number: 427084008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 300 - 11810	Water Depth: 47
Public Info Code: Y 25-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6050 / 6049	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6230 / 6229	DEF AT faunal change (no faunal increase)	DEF AT 1
6380 / 6379	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7100 / 7099	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7220 / 7219	DEF AT faunal change (no faunal increase)	DEF AT 1
7460 / 7459	DEF AT charophytes	DEF AT 1
7610 / 7609	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8210 / 8208	DEF AT faunal change (no faunal increase)	DEF AT 2
8570 / 8568	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8630 / 8628	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8660 / 8658	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 3
8780 / 8778	DEF AT faunal change (no faunal increase)	DEF AT 2
9560 / 9558	DEF AT faunal change (no faunal increase)	DEF AT 3
9680 / 9678	DEF AT faunal change (no faunal increase)	DEF AT 2
9800 / 9798	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9830 / 9828	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10250 / 10248	DEF AT cement	POS AT 3
10340 / 10338	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
10370 / 10368	DEF AT local marker benthic foram increase	DEF AT 3
10580 / 10578	DEF AT faunal change (no faunal increase)	DEF AT 2
10670 / 10668	DEF AT faunal change (no faunal increase)	DEF AT 3
10700 / 10698	POS AT local marker benthic foram increase	DEF AT 3
11090 / 11087	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11119 / 11116	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 93	Date of Summary: 13-MAR-1980	First Sample Examined: 300
Lease Number: G03232	Source of Paleo: OPERATOR	Borehole MD: 11822
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11822
API Well Number: 427084008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 300 - 11810	Water Depth: 47
Public Info Code: Y 25-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11120 / 11117	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 3
11330 / 11327	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
11390 / 11387	DEF AT poor sample interval top	DEF AT 3
11809 / 11806	DEF AT poor sample interval bottom	DEF AT 3
11810 / 11807	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 96	Date of Summary: 03-SEP-1985	First Sample Examined: 8980
Lease Number: G06152	Source of Paleo: OPERATOR	Borehole MD: 16493
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15232
API Well Number: 427084014600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 7450 - 11560	Water Depth: 50
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
8980 / 8603	DEF AT first sample examined	DEF AT 1
9310 / 8889	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
9430 / 8993	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 1
9940 / 9428	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10090 / 9549	DEF AT - - - - -	DEF AT 3
11380 / 10625	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
11560 / 10780	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 96	Date of Summary: 03-SEP-1985	First Sample Examined: 11010
Lease Number: G06152	Source of Paleo: OPERATOR	Borehole MD: 16493
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15232
API Well Number: 427084014600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 9458 - 16480	Water Depth: 50
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
11010 / 10308	DEF AT first sample examined	DEF AT 3
11370 / 10616	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
11560 / 10780	DEF AT - - - - -	DEF AT 1
11760 / 10953	DEF AT - - - - -	DEF AT 3
11970 / 11135	DEF AT sample gap top	POS AT 3
12299 / 11421	DEF AT sample gap bottom	DEF AT 3
12300 / 11422	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
13470 / 12468	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
13890 / 12844	DEF AT - - - - -	DEF AT 1
14760 / 13629	DEF AT - - - - -	DEF AT 3
15960 / 14721	DEF IN Oligocene	DEF AT 3
16480 / 15220	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 105	Date of Summary: 20-AUG-1981	First Sample Examined: 6070
Lease Number: G04265	Source of Paleo: OPERATOR	Borehole MD: 11801
Well Name: 001	Paleo Done By: JACK COLLE	Borehole TVD: 10948
API Well Number: 427084009400	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 3	Sample Range: 6070 - 10470	Water Depth: 48
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 004

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6070 / 5879	DEF AT first sample examined	DEF AT
6220 / 6010	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
7120 / 6799	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9390 / 8809	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9900 / 9274	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10470 / 9777	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 105	Date of Summary: 20-AUG-1981	First Sample Examined: 8570
Lease Number: G04265	Source of Paleo: OPERATOR	Borehole MD: 11801
Well Name: 001	Paleo Done By: JACK COLLE	Borehole TVD: 10948
API Well Number: 427084009400	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 2 of 3	Sample Range: 8570 - 13490	Water Depth: 48
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 005

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8570 / 8064	DEF AT first sample examined	DEF AT
8571 / 8065	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9950 / 9319	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11510 / 10680	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13490 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 105	Date of Summary: 20-AUG-1981	First Sample Examined: 11030
Lease Number: G04265	Source of Paleo: OPERATOR	Borehole MD: 11801
Well Name: 001	Paleo Done By: JACK COLLE	Borehole TVD: 10948
API Well Number: 427084009400	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 3 of 3	Sample Range: 11030 - 11780	Water Depth: 48
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 006

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11030 / 10256	DEF AT first sample examined	DEF AT
11031 / 10257	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11540 / 10707	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11780 / 10928	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 23-MAR-1982	First Sample Examined: 300
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12289
API Well Number: 427084010400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 3	Sample Range: 300 - 9690	Water Depth: 49
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
720 / 720	DEF AT non-marine sediment	DEF AT 0
721 / 721	DEF AT - - - - -	DEF AT 1
900 / 900	DEF AT - - - - -	DEF AT 1
1800 / 1800	DEF AT non-marine sediment	DEF AT 0
1801 / 1801	DEF AT - - - - -	DEF AT 1
1920 / 1920	DEF AT - - - - -	DEF AT 1
2160 / 2160	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5400 / 5399	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5460 / 5459	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5700 / 5699	DEF AT - - - - -	DEF AT 1
5880 / 5879	DEF AT - - - - -	DEF AT 2
6000 / 5999	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6119 / 6118	DEF AT local marker planktic foram increase	DEF AT 2
6120 / 6119	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
6390 / 6389	DEF AT - - - - -	DEF IN 1
6450 / 6449	DEF AT - - - - -	DEF AT 1
7080 / 7079	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
7140 / 7138	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
7980 / 7976	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8340 / 8335	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8490 / 8485	POS AT Arenaceous fauna (local marker)	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 23-MAR-1982	First Sample Examined: 300
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12289
API Well Number: 427084010400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 3	Sample Range: 300 - 9690	Water Depth: 49
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 / 9145	DEF AT - - - - -	DEF AT 3
9330 / 9325	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 3
9630 / 9625	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 3
9690 / 9685	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 22-APR-1982	First Sample Examined: 7510
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12289
API Well Number: 427084010400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 3	Sample Range: 7510 - 9610	Water Depth: 49
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7508	DEF AT first sample examined	DEF AT 1
7511 / 7509	DEF AT poor sample interval top	DEF AT 1
7512 / 7510	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
7930 / 7926	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
8199 / 8194	DEF AT poor sample interval bottom	DEF AT 2
8200 / 8195	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8260 / 8255	POS AT Cyclamina sp. (local marker)	DEF AT 2
8319 / 8314	DEF AT Eggerella sp. (local marker)	DEF AT 2
8320 / 8315	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8950 / 8945	DEF AT Arenaceous fauna (local marker)	DEF AT 2
9310 / 9305	DEF AT Eggerella sp. (local marker)	DEF AT 2
9369 / 9364	POS AT Bathysiphon fauna	DEF AT 2
9370 / 9365	POS AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 2
9580 / 9575	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 3
9610 / 9605	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 21-JUN-1982	First Sample Examined: 9650
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12289
API Well Number: 427084010400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 3 of 3	Sample Range: 9650 - 12170	Water Depth: 49
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 3 report

MD / TVD	Paleo Top Description	Ecozone
9650 / 9645	DEF AT first sample examined	DEF IN 2
9651 / 9646	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF IN 2
9800 / 9795	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9830 / 9824	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 2
10280 / 10274	DEF AT poor sample interval top	DEF IN 2
10520 / 10514	POS AT Bathysiphon fauna	DEF IN 2
10820 / 10813	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
11510 / 11501	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
11520 / 11511	DEF AT poor sample interval bottom	DEF AT 3
12170 / 12159	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
12300 / 12289	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 26-APR-1983	First Sample Examined: 300
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 9929
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9929
API Well Number: 427084013000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 300 - 9929	Water Depth: 53
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF AT 1
720 /	DEF AT non-marine sediment	DEF AT 0
721 /	DEF AT - - - - -	DEF AT 1
840 /	DEF AT - - - - -	DEF AT 1
1120 /	DEF AT shell fragments	DEF AT 1
1300 /	DEF AT non-marine sediment	DEF AT 0
1301 /	DEF AT - - - - -	DEF AT 1
2020 /	DEF AT - - - - -	DEF AT 1
2140 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2440 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
2620 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2740 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
2980 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3100 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
5170 /	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5200 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
5350 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5470 /	DEF AT local marker planktic foram increase	DEF AT 2
5800 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5950 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6010 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6280 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 26-APR-1983	First Sample Examined: 300
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 9929
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9929
API Well Number: 427084013000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 2	Sample Range: 300 - 9929	Water Depth: 53
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6340 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6760 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6790 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6820 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7240 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7750 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8890 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9070 /	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 3
9100 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
9130 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9190 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9729 /	DEF AT Bathysiphon fauna	DEF AT 3
9730 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
9850 /	POS AT deepwater facies Planulina	DEF AT 3
9910 /	DEF AT local marker foram decrease	DEF AT 2
9929 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 108	Date of Summary: 26-APR-1983	First Sample Examined: 5500
Lease Number: G04574	Source of Paleo: OPERATOR	Borehole MD: 9929
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9929
API Well Number: 427084013000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 106
Paleo Report Num: 2 of 2	Sample Range: 5500 - 9929	Water Depth: 53
Public Info Code: Y 25-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 /	DEF AT first sample examined	DEF AT
5501 /	DEF IN Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
6520 /	DEF AT reworked material	DEF AT
8710 /	DEF AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT
9160 /	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT
9250 /	DEF AT reworked material	DEF AT
9929 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 110	Date of Summary: 22-APR-1974	First Sample Examined: 6510
Lease Number: G02353	Source of Paleo: OPERATOR	Borehole MD: 13300
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13300
API Well Number: 427084001700	Drilling Operator: CONOCO INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 6510 - 13270	Water Depth: 46
Public Info Code: Y 01-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6510 / 6509	DEF AT first sample examined	DEF AT 1
6700 / 6699	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
7180 / 7179	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7390 / 7389	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7510 / 7509	DEF AT faunal change (no faunal increase)	DEF AT 2
8260 / 8259	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9640 / 9639	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10360 / 10359	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12310 / 12308	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
13269 / 13263	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
13270 / 13264	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

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Area Block: HI 110	Date of Summary: 17-AUG-1978	First Sample Examined: 5000
Lease Number: G02353	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13732
Well Name: A002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 12797
API Well Number: 427084002300	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13680	Water Depth: 46
Public Info Code: Y 21-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4866	DEF AT first sample examined	DEF AT 2
5420 / 5258	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6260 / 6035	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7160 / 6875	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7940 / 7600	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8000 / 7655	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
8300 / 7933	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
8510 / 8125	POS IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
8900 / 8469	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
9020 / 8575	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
9390 / 8906	POS IN Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
9480 / 8986	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9810 / 9280	DEF AT local marker foram decrease	DEF AT 3
9840 / 9307	DEF AT local marker planktic foram increase	DEF IN 3
10710 / 10080	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 4
10890 / 10239	DEF AT cement	DEF AT 4
11010 / 10344	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
11100 / 10422	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 3
11640 / 10904	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
11850 / 11098	DEF AT local marker planktic foram increase	DEF AT 4
12358 / 11576	DEF AT pyrite	POS AT 3
12359 / 11577	DEF AT reworked material	POS AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 110	Date of Summary: 17-AUG-1978	First Sample Examined: 5000
Lease Number: G02353	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13732
Well Name: A002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 12797
API Well Number: 427084002300	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13680	Water Depth: 46
Public Info Code: Y 21-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12360 / 11578	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	POS AT 3
12390 / 11607	DEF AT local marker planktic foram increase	DEF IN 3
12750 / 11943	DEF AT local marker foram decrease	DEF IN 3
12930 / 12106	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
13289 / 12423	DEF AT pyrite	DEF AT 4
13290 / 12424	DEF AT local marker planktic foram increase	DEF AT 4
13530 / 12631	DEF AT local marker foram decrease	DEF IN 3
13650 / 12735	DEF AT local marker planktic foram increase	DEF AT 4
13680 / 12761	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 110	Date of Summary: 07-AUG-1985	First Sample Examined: 0
Lease Number: G02680	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14458
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 13525
API Well Number: 427084018200	Drilling Operator: TEXACO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 09-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8430 / 8045	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11070 / 10489	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11850 / 11198	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
14010 / 13147	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 110	Date of Summary: 07-AUG-1985	First Sample Examined: 0
Lease Number: G02680	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14458
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 13525
API Well Number: 427084018200	Drilling Operator: TEXACO INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 09-OCT-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11970 / 11310	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
14290 / 13385	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 116	Date of Summary: 17-JUL-1970	First Sample Examined: 610
Lease Number: G01821	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11000
API Well Number: 427083001700	Drilling Operator: TEXACO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 610 - 11000	Water Depth: 36
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
610 /	DEF AT first sample examined	DEF AT
1210 /	DEF AT pyrite	DEF AT
1490 /	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4410 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4860 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5220 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
5580 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5880 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5940 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
6180 /	DEF IN Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
6509 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
6510 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6570 /	DEF AT local marker foram increase	DEF AT
6600 /	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
7920 /	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7950 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8160 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8310 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
8610 /	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
8865 /	DEF AT local marker planktic foram increase	DEF AT
9165 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 116	Date of Summary: 17-JUL-1970	First Sample Examined: 610
Lease Number: G01821	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11000
API Well Number: 427083001700	Drilling Operator: TEXACO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 610 - 11000	Water Depth: 36
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10515 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 117	Date of Summary: 19-MAY-1969	First Sample Examined: 4530
Lease Number: G01822	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14906
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14400
API Well Number: 427080010800	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 4530 - 14908	Water Depth: 48
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 /	DEF AT first sample examined	DEF AT 1
4531 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
4748 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
4800 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5029 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5060 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5754 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
6129 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
6192 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
6472 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
6662 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
7427 /	DEF AT sample gap top	POS IN 2
7521 /	DEF AT sample gap bottom	DEF AT 2
7768 /	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
7898 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2
7963 /	DEF AT Middle Miocene (Langhian) Globorotalia siakensis (coiling change left/right)	DEF AT 3
8395 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
8565 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
8823 /	DEF AT limestone	DEF AT 3
9042 /	DEF AT pyrite	DEF AT 4
9043 /	DEF AT local marker planktic foram increase	DEF AT 4
9074 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 117	Date of Summary: 19-MAY-1969	First Sample Examined: 4530
Lease Number: G01822	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14906
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14400
API Well Number: 427080010800	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 4530 - 14908	Water Depth: 48
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9853 /	DEF AT -----	DEF AT 2
10207 /	DEF AT cement	POS AT 2
10239 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10332 /	DEF AT -----	DEF IN 2
10519 /	DEF AT -----	DEF AT 3
10612 /	DEF AT local marker planktic foram increase	DEF AT 3
10674 /	DEF AT -----	DEF IN 2
10736 /	DEF AT local marker foram increase	DEF AT 2
11389 /	DEF AT pyrite	DEF IN 1
11678 /	DEF AT -----	DEF AT 2
12488 /	DEF AT local marker foram increase	DEF AT 2
13120 /	DEF AT local marker deep water fauna	DEF AT 2
13183 /	DEF AT drilling material	DEF AT 2
14077 /	DEF AT local marker foram increase	DEF IN 2
14284 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF IN 2
14908 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 117	Date of Summary: 24-MAY-1969	First Sample Examined: 11225
Lease Number: G01822	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14906
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14400
API Well Number: 427080010800	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 2 of 3	Sample Range: 11225 - 14400	Water Depth: 48
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
11225 /	DEF AT first sample examined	DEF AT 2
11226 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11553 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
12077 /	DEF AT faunal change (no faunal increase)	DEF IN 1
12234 /	DEF AT local marker benthic foram increase	DEF IN 1
13031 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
13091 /	DEF AT faunal change (no faunal increase)	DEF AT 2
13276 /	DEF AT faunal change (no faunal increase)	DEF IN 1
13712 /	DEF AT faunal change (no faunal increase)	DEF AT 2
14203 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF IN 2
14400 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 118	Date of Summary: 22-JUN-1970	First Sample Examined: 650
Lease Number: G01845	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10543
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10543
API Well Number: 427103000800	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 650 - 10493	Water Depth: 45
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
650 /	DEF AT first sample examined	DEF AT 1
651 /	DEF AT pyrite	DEF AT 1
3290 /	DEF AT faunal change (no faunal increase)	DEF IN 1
3380 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3410 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3440 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
3739 /	DEF AT pyrite	DEF AT 2
3740 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
3890 /	DEF AT local marker foram increase	DEF AT 2
4400 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4670 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5120 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5539 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5540 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5640 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
5670 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
5910 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6210 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 2
6780 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7020 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
7050 /	DEF AT local marker planktic foram increase	DEF AT 3
7080 /	DEF AT foram flood	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 118	Date of Summary: 22-JUN-1970	First Sample Examined: 650
Lease Number: G01845	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10543
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10543
API Well Number: 427103000800	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 650 - 10493	Water Depth: 45
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 /	DEF AT faunal change (no faunal increase)	DEF IN 2
7320 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7589 /	DEF AT pyrite	DEF AT 2
7590 /	DEF AT local marker foram increase	DEF AT 2
7710 /	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
7860 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8010 /	DEF AT local marker foram increase	DEF AT 2
8160 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
8220 /	DEF AT local marker foram increase	DEF AT 3
8400 /	POS AT Middle Miocene (Langhian) Globorotalia siakensis (coiling change left/right)	DEF AT 3
8580 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
8790 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 2
8840 /	DEF AT local marker foram increase	DEF IN 2
8900 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
8959 /	DEF AT local marker planktic foram increase	DEF IN 3
8960 /	DEF AT foram flood	DEF IN 3
9350 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9560 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9770 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
10493 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 119	Date of Summary: 10-JUL-1969	First Sample Examined: 605
Lease Number: G01846	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13470
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13470
API Well Number: 427103000100	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 605 - 13470	Water Depth: 48
Public Info Code: Y 30-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
605 /	DEF AT first sample examined	POS AT 2
3540 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4020 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
4800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5040 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
5460 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5700 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
6300 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
6420 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6959 /	DEF IN Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
6960 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7080 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7200 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
7320 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7740 /	DEF AT Bathysiphon fauna	DEF AT 3
7800 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
8100 /	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
8130 /	DEF AT gray shale	DEF AT 3
8219 /	DEF AT pyrite	DEF AT 3
8850 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 3
9100 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
9280 /	DEF AT local marker foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 119	Date of Summary: 10-JUL-1969	First Sample Examined: 605
Lease Number: G01846	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13470
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13470
API Well Number: 427103000100	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 605 - 13470	Water Depth: 48
Public Info Code: Y 30-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 /	DEF AT foram flood	DEF AT 4
9550 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
10690 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
12690 /	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 4
12720 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
13470 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 129	Date of Summary: 27-NOV-1968	First Sample Examined: 3030
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 427106000100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 3030 - 14000	Water Depth: 48
Public Info Code: Y 20-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT
3930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5730 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6210 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6450 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6990 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8220 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8730 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9390 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10120 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10170 /	DEF AT local marker deep water fauna	DEF AT
10290 /	DEF AT local marker deep water fauna	DEF AT
10530 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11810 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
13840 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
14000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 129	Date of Summary: 26-AUG-1969	First Sample Examined: 3000
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 427103000200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3000 - 12500	Water Depth: 47
Public Info Code: Y 13-SEP-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3870 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3990 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
5790 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6510 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6960 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7410 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8250 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8370 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9300 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9960 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10380 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10530 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11550 /	DEF AT sample gap top	DEF AT
11579 /	DEF AT sample gap bottom	DEF AT
11580 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 129	Date of Summary: 21-OCT-1970	First Sample Examined: 3730
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 12810
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12764
API Well Number: 427103001300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 3730 - 12800	Water Depth: 48
Public Info Code: Y 17-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3730 / 3730	DEF AT first sample examined	DEF AT
5260 / 5260	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5880 / 5880	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6330 / 6330	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7435 / 7435	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7750 / 7750	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9200 / 9200	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9800 / 9800	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10430 / 10429	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11930 / 11922	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12560 / 12530	POS AT local marker (general)	DEF AT
12800 / 12757	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 129	Date of Summary: 21-AUG-1973	First Sample Examined: 6000
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 13005
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13005
API Well Number: 427104000400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13005	Water Depth: 50
Public Info Code: Y 13-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT
7300 / 7300	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7630 / 7630	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9220 / 9220	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9700 / 9700	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9910 / 9910	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10960 / 10959	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12500 / 12499	DEF AT local marker (general)	DEF AT
13005 / 13004	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 129	Date of Summary: 21-JUL-1975	First Sample Examined: 6000
Lease Number: G01848	Source of Paleo: OPERATOR	Borehole MD: 13302
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13296
API Well Number: 427104000700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13290	Water Depth: 50
Public Info Code: Y 12-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT
7440 / 7440	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7770 / 7770	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9240 / 9239	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10200 / 10199	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11160 / 11158	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12570 / 12565	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
13290 / 13284	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 142	Date of Summary: 02-MAY-1978	First Sample Examined: 960
Lease Number: G02355	Source of Paleo: OPERATOR	Borehole MD: 13472
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10999
API Well Number: 427084005200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 960 - 13390	Water Depth: 49
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 / 960	DEF AT first sample examined	DEF AT
1260 / 1260	DEF AT non-marine sediment	DEF AT 1
1380 / 1380	DEF AT non-marine sediment	DEF AT 0
2040 / 2040	DEF AT faunal change (no faunal increase)	DEF AT 1
2340 / 2340	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
2460 / 2460	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2800 / 2800	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
3270 / 3270	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
3360 / 3360	DEF AT sample gap top	POS AT 1
3510 / 3508	DEF AT sample gap bottom	DEF AT 1
5010 / 4852	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
7080 / 6303	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
7290 / 6437	DEF AT faunal change (no faunal increase)	DEF AT 2
7410 / 6513	DEF AT faunal change (no faunal increase)	DEF AT 1
7530 / 6594	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
7590 / 6636	DEF AT faunal change (no faunal increase)	DEF AT 1
7710 / 6722	DEF AT faunal change (no faunal increase)	DEF AT 2
8040 / 6958	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8100 / 7002	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
8250 / 7111	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8400 / 7219	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8620 / 7375	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 142	Date of Summary: 02-MAY-1978	First Sample Examined: 960
Lease Number: G02355	Source of Paleo: OPERATOR	Borehole MD: 13472
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10999
API Well Number: 427084005200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 960 - 13390	Water Depth: 49
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9340 / 7884	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
10480 / 8678	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
10960 / 9017	DEF AT faunal change (no faunal increase)	DEF AT 1
11710 / 9559	DEF AT faunal change (no faunal increase)	DEF AT 2
11950 / 9735	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12040 / 9802	DEF AT local marker foram increase	DEF AT 2
12130 / 9870	DEF AT faunal change (no faunal increase)	DEF AT 3
12430 / 10104	DEF AT Bathysiphon fauna	DEF AT 3
12610 / 10251	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12760 / 10376	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
13090 / 10661	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
13390 / 10926	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 142	Date of Summary: 09-DEC-1974	First Sample Examined: 266
Lease Number: G02356	Source of Paleo: OPERATOR	Borehole MD: 14711
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14711
API Well Number: 427084001600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 266 - 14650	Water Depth: 48
Public Info Code: Y 18-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
266 /	DEF AT first sample examined	DEF AT 1
1405 /	DEF AT non-marine sediment	DEF AT 0
1406 /	DEF AT - - - - -	DEF AT 1
1706 /	DEF AT sample gap top	DEF AT
1825 /	DEF AT sample gap bottom	DEF AT
1826 /	DEF AT non-marine sediment	DEF AT 0
1856 /	DEF AT non-marine sediment	DEF AT 0
1857 /	DEF AT - - - - -	DEF AT 1
2006 /	DEF AT non-marine sediment	DEF AT 0
2126 /	DEF AT non-marine sediment	DEF AT 0
2127 /	DEF AT - - - - -	DEF AT 1
2486 /	POS AT Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai</i> (acme)	DEF AT 1
2786 /	DEF AT Lower Pliocene (Zanclian) <i>Buliminella</i> 1	DEF AT 2
3136 /	DEF AT - - - - -	DEF AT 1
3196 /	DEF AT pyrite	DEF AT 1
3197 /	POS AT Upper Miocene (Tortonian) <i>Bigenerina floridana</i> / "A"	DEF AT 1
4430 /	DEF AT sample gap top	DEF AT
4720 /	DEF AT sample gap bottom	DEF AT
4840 /	POS IN Upper Miocene (Tortonian) <i>Cristellaria</i> "K"	DEF AT 1
6040 /	DEF AT non-marine sediment	DEF AT 0
6041 /	DEF AT - - - - -	DEF AT 1
6190 /	DEF AT Middle Miocene (Serravallian) <i>Bigenerina humblei</i>	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 142	Date of Summary: 09-DEC-1974	First Sample Examined: 266
Lease Number: G02356	Source of Paleo: OPERATOR	Borehole MD: 14711
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14711
API Well Number: 427084001600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 266 - 14650	Water Depth: 48
Public Info Code: Y 18-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6460 /	DEF AT - - - - -	DEF AT 2
6700 /	DEF AT limestone	DEF AT 2
6910 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
7120 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
7450 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7480 /	DEF AT - - - - -	DEF AT 1
7570 /	DEF AT - - - - -	DEF AT 2
7870 /	DEF AT - - - - -	DEF AT 1
8050 /	DEF AT sample gap top	DEF AT
8109 /	DEF AT sample gap bottom	DEF AT
8110 /	DEF AT - - - - -	DEF AT 1
8710 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
8980 /	POS AT - - - - -	DEF AT 2
9160 /	DEF AT - - - - -	DEF AT 2
9520 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9700 /	DEF AT - - - - -	DEF AT 1
9940 /	DEF AT local marker foram increase	DEF AT 2
10120 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10480 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
11230 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
11770 /	POS AT anhydrite	DEF AT 2
12220 /	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
12370 /	DEF AT - - - - -	DEF AT 3
12430 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 142	Date of Summary: 09-DEC-1974	First Sample Examined: 266
Lease Number: G02356	Source of Paleo: OPERATOR	Borehole MD: 14711
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14711
API Well Number: 427084001600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 266 - 14650	Water Depth: 48
Public Info Code: Y 18-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12550 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
12700 /	DEF AT - - - - -	DEF AT 2
12850 /	DEF AT - - - - -	DEF AT 3
13180 /	DEF AT deepwater facies Abbeville Iberia	DEF AT 4
13600 /	POS AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 5
14650 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 142	Date of Summary: 29-JUL-1974	First Sample Examined: 6290
Lease Number: G02356	Source of Paleo: OPERATOR	Borehole MD: 9265
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9265
API Well Number: 427084001900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 6290 - 9230	Water Depth: 48
Public Info Code: Y 18-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6290 /	DEF AT first sample examined	DEF AT 1
6291 /	DEF AT poor sample interval top	DEF AT 1
6470 /	DEF AT local marker benthic foram increase	DEF AT 2
6740 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6770 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6920 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7370 /	DEF AT sample gap top	POS AT 1
8480 /	DEF AT sample gap bottom	DEF AT 1
8600 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8960 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9229 /	DEF AT poor sample interval bottom	DEF AT 2
9230 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 06-OCT-1978	First Sample Examined: 5500
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 11060
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11060
API Well Number: 427084002400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 2	Sample Range: 5500 - 11050	Water Depth: 53
Public Info Code: Y 30-JAN-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 /	DEF AT first sample examined	POS AT 3
6760 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7330 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9970 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11050 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 07-NOV-1978	First Sample Examined: 4150
Lease Number: G02357	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11060
Well Name: 002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11060
API Well Number: 427084002400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 2 of 2	Sample Range: 4150 - 11050	Water Depth: 53
Public Info Code: Y 30-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 /	DEF AT first sample examined	DEF AT 2
4240 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4270 /	DEF AT local marker foram decrease	DEF AT 3
4690 /	DEF AT pyrite	DEF AT 3
4900 /	DEF AT pyrite	DEF AT 3
4930 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6700 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6900 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7030 /	DEF AT foram flood	DEF AT 3
7120 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7300 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8620 /	DEF AT local marker planktic foram increase	DEF AT 3
8680 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9700 /	DEF AT local marker foram increase	DEF AT 3
9760 /	DEF AT local marker planktic foram increase	DEF AT 3
9970 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11020 /	DEF AT local marker planktic foram increase	DEF AT 3
11050 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 06-OCT-1978	First Sample Examined: 5000
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 10867
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10867
API Well Number: 427084002500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10850	Water Depth: 51
Public Info Code: Y 03-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	POS AT 2
6560 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7250 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7310 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8720 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9470 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10850 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 21-JUN-1975	First Sample Examined: 4930
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 11200
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10174
API Well Number: 427084002800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 4930 - 11200	Water Depth: 53
Public Info Code: Y 24-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4930 / 4613	DEF AT first sample examined	POS AT 2
6820 / 6327	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7300 / 6759	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7480 / 6918	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
9040 / 8300	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9760 / 8948	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11200 / 10180	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 10-JAN-1976	First Sample Examined: 8500
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 11151
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10862
API Well Number: 427084003100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 8500 - 11170	Water Depth: 54
Public Info Code: Y 12-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8349	DEF AT first sample examined	DEF AT
8501 / 8350	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9760 / 9533	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10210 / 9962	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11170 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 06-OCT-1978	First Sample Examined: 7500
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 10216
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 10216
API Well Number: 427084003400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 7500 - 11200	Water Depth: 52
Public Info Code: Y 13-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 /	DEF AT first sample examined	DEF AT
7501 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9000 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9570 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9750 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10200 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 23-OCT-1978	First Sample Examined: 8990
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 9925
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9545
API Well Number: 427084003401	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 8990 - 9920	Water Depth: 52
Public Info Code: Y 16-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8701	DEF AT first sample examined	POS AT 3
9080 / 8783	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9770 / 9409	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9920 / 9544	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 27-DEC-1974	First Sample Examined: 1060
Lease Number: G02357	Source of Paleo: OPERATOR	Borehole MD: 12127
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11111
API Well Number: 427084001500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1060 - 12127	Water Depth: 53
Public Info Code: Y 15-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 / 1060	DEF AT first sample examined	POS AT 2
2140 / 2140	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2710 / 2710	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6130 / 5991	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7330 / 7021	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9730 / 9071	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10390 / 9642	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12127 / 11133	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 15-SEP-1975	First Sample Examined: 0
Lease Number: G03115	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11344
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10978
API Well Number: 427084003200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 27-SEP-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5010 / 4868	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6540 / 6284	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7140 / 6844	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7590 / 7271	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8190 / 7848	POS AT Lower Miocene (Burdigalian) Camerina 1	DEF AT
8250 / 7906	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9690 / 9323	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10560 / 10193	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 154	Date of Summary: 20-NOV-1978	First Sample Examined: 4770
Lease Number: G03115	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12315
Well Name: 002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11002
API Well Number: 427084003600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 4770 - 12314	Water Depth: 53
Public Info Code: Y 16-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4770 / 4642	DEF AT first sample examined	DEF AT 3
4771 / 4643	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5100 / 4909	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5190 / 4980	DEF AT local marker foram decrease	DEF AT 3
6360 / 5920	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6450 / 5996	DEF AT local marker foram decrease	DEF AT 3
6720 / 6221	DEF AT pyrite	DEF AT 3
6780 / 6272	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7020 / 6474	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7260 / 6674	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7440 / 6826	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7830 / 7160	DEF AT local marker foram increase	DEF AT 3
8010 / 7317	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
9870 / 8913	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11190 / 10084	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12300 / 10990	DEF AT local marker planktic foram increase	DEF AT 3
12314 / 11002	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 158	Date of Summary: 17-AUG-1984	First Sample Examined: 11130
Lease Number: G06161	Source of Paleo: OPERATOR	Borehole MD: 20766
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 20724
API Well Number: 427084015400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 2	Sample Range: 11130 - 13828	Water Depth: 46
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11130 / 11127	DEF AT first sample examined	DEF AT 3
11131 / 11128	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11400 / 11397	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12900 / 12892	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
13740 / 13728	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
13828 / 13816	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 158	Date of Summary: 26-OCT-1984	First Sample Examined: 7800
Lease Number: G06161	Source of Paleo: OPERATOR	Borehole MD: 20766
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20724
API Well Number: 427084015400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 7800 - 20750	Water Depth: 46
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 / 7800	DEF AT first sample examined	POS AT 2
7860 / 7860	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
8670 / 8670	DEF AT - - - - -	DEF AT 3
8849 / 8849	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 3
8850 / 8850	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9330 / 9330	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9510 / 9510	DEF AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT 3
9570 / 9570	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
10199 / 10198	DEF AT Lower Miocene (Burdigalian) Discoaster druggi (increase)	DEF AT 3
10200 / 10199	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11400 / 11397	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12900 / 12892	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
13920 / 13907	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
14310 / 14296	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnos	DEF AT 3
15209 / 15189	POS AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT 3
15210 / 15190	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
16380 / 16358	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
16650 / 16628	DEF AT - - - - -	DEF IN 4
18780 / 18754	DEF AT - - - - -	DEF AT 5
18960 / 18933	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
19170 / 19141	POS AT Lower Miocene (Aquitanian) Discoaster saundersi	DEF AT 5
19410 / 19379	DEF AT - - - - -	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 158	Date of Summary: 26-OCT-1984	First Sample Examined: 7800
Lease Number: G06161	Source of Paleo: OPERATOR	Borehole MD: 20766
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20724
API Well Number: 427084015400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 2 of 2	Sample Range: 7800 - 20750	Water Depth: 46
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
20300 / 20259	POS IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 6
20750 / 20708	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 162	Date of Summary: 07-OCT-1982	First Sample Examined: 150
Lease Number: G04730	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15983
API Well Number: 427084011600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 150 - 16000	Water Depth: 51
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
150 / 150	DEF AT first sample examined	DEF AT 1
570 / 570	DEF AT local marker benthic foram increase	DEF AT 1
1890 / 1890	DEF AT non-marine sediment	DEF AT 0
1891 / 1891	DEF AT - - - - -	DEF AT 1
2070 / 2070	DEF AT non-marine sediment	DEF AT 0
2370 / 2370	DEF AT non-marine sediment	DEF AT 0
2371 / 2371	DEF AT - - - - -	DEF AT 1
2610 / 2610	DEF AT non-marine sediment	DEF AT 0
2910 / 2910	DEF AT - - - - -	DEF AT 1
3510 / 3510	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
3750 / 3750	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4050 / 4050	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4110 / 4110	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
4500 / 4500	DEF AT poor sample interval top	DEF AT 2
4590 / 4590	DEF AT - - - - -	DEF AT 1
4620 / 4620	DEF AT poor sample interval bottom	DEF AT 1
4680 / 4680	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4770 / 4770	DEF AT local marker benthic foram increase	DEF AT 2
4800 / 4800	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
4920 / 4920	DEF AT - - - - -	DEF AT 1
5100 / 5100	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
5190 / 5190	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 162	Date of Summary: 07-OCT-1982	First Sample Examined: 150
Lease Number: G04730	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15983
API Well Number: 427084011600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 150 - 16000	Water Depth: 51
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 5370	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
5520 / 5520	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5910 / 5910	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6390 / 6390	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
6870 / 6870	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
6990 / 6990	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
7080 / 7080	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7318 / 7318	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
7319 / 7319	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
7320 / 7320	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
7500 / 7500	DEF AT Bathysiphon fauna	DEF AT 2
7890 / 7890	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
7950 / 7950	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
8340 / 8340	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
8370 / 8370	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8850 / 8850	DEF AT local marker benthic foram increase	DEF AT 2
9240 / 9240	DEF AT - - - -	DEF AT 3
9270 / 9270	DEF AT Arenaceous fauna (local marker)	DEF AT 2
9630 / 9630	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
10350 / 10350	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
10530 / 10530	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11850 / 11850	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
12000 / 12000	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
13270 / 13270	DEF AT - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 162	Date of Summary: 07-OCT-1982	First Sample Examined: 150
Lease Number: G04730	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15983
API Well Number: 427084011600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 150 - 16000	Water Depth: 51
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13420 / 13419	DEF AT - - - - -	DEF IN 2
13630 / 13629	DEF AT - - - - -	DEF AT 3
13810 / 13808	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
14650 / 14643	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
15370 / 15358	DEF AT - - - - -	DEF IN 3
15760 / 15745	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 3
15820 / 15804	DEF AT Bathysiphon fauna	DEF AT 4
15940 / 15923	DEF AT local marker foram increase	DEF AT 3
16000 / 15983	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 163	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G04731	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16138
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16119
API Well Number: 427084013300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3640 / 3640	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4000 / 4000	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4420 / 4420	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4770 / 4770	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5160 / 5160	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5490 / 5490	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5970 / 5970	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6660 / 6660	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6840 / 6840	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7230 / 7229	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7440 / 7439	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
8910 / 8909	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9390 / 9389	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9870 / 9869	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11070 / 11068	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 163	Date of Summary: 06-FEB-1985	First Sample Examined: 3520
Lease Number: G04731	Source of Paleo: OPERATOR	Borehole MD: 15700
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15700
API Well Number: 427084016000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3520 - 15700	Water Depth: 49
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3520 /	DEF AT first sample examined	DEF AT
3521 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3880 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4300 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4890 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5160 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
5250 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
5490 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
5880 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6000 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6960 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7050 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7080 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8160 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
8460 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8670 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
9780 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11070 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11130 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
13290 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
15700 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 179	Date of Summary: 01-MAR-1976	First Sample Examined: 5310
Lease Number: G03236	Source of Paleo: OPERATOR	Borehole MD: 9223
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9223
API Well Number: 427084003900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 5310 - 9204	Water Depth: 58
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5310 / 5309	DEF AT first sample examined	DEF AT
6510 / 6509	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7395 / 7394	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8769 / 8768	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9204 / 9203	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 198	Date of Summary: 30-NOV-1977	First Sample Examined: 0
Lease Number: G03238	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9825
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9824
API Well Number: 427084005000	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 / 4600	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7030 / 7030	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9450 / 9449	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 199	Date of Summary: 22-JUL-1982	First Sample Examined: 4230
Lease Number: G03747	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13060
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 13030
API Well Number: 427084008500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 4230 - 13060	Water Depth: 40
Public Info Code: Y 26-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4230 / 4230	DEF AT first sample examined	DEF AT 2
4231 / 4231	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4620 / 4620	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5130 / 5130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5190 / 5190	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
5460 / 5460	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 3
5640 / 5640	POS AT local marker foram increase	DEF IN 2
5790 / 5790	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6750 / 6750	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6870 / 6870	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7200 / 7200	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
7230 / 7230	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
7380 / 7380	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
7440 / 7440	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7530 / 7530	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
7770 / 7770	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
7980 / 7980	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8160 / 8160	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8700 / 8700	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9000 / 9000	DEF AT Bathysiphon fauna	DEF IN 3
9090 / 9090	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
9570 / 9570	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 199	Date of Summary: 22-JUL-1982	First Sample Examined: 4230
Lease Number: G03747	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13060
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 13030
API Well Number: 427084008500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 4230 - 13060	Water Depth: 40
Public Info Code: Y 26-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11320 / 11318	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11380 / 11377	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13060 / 13030	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 200	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04575	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13786
API Well Number: 427084010200	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7510	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7960 / 7960	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9030 / 9029	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9400 / 9399	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10900 / 10898	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI 202	Date of Summary: 26-SEP-1984	First Sample Examined: 3030
Lease Number: G06169	Source of Paleo: OPERATOR	Borehole MD: 10699
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10699
API Well Number: 427084016200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3030 - 10670	Water Depth: 51
Public Info Code: Y 03-DEC-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT
3031 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
3032 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3450 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3870 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4470 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4600 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4870 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5050 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5290 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6370 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6790 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7330 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7900 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8200 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
9490 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10450 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
10670 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 6	Date of Summary: 06-JAN-1969	First Sample Examined: 691
Lease Number: G01828	Source of Paleo: OPERATOR	Borehole MD: 11833
Well Name: 001	Paleo Done By: FRED SMITH, JR.	Borehole TVD: 11833
API Well Number: 427080009600	Drilling Operator: TACCO	Rkb Elevation: 80
Paleo Report Num: 1 of 3	Sample Range: 691 - 11833	Water Depth: 61
Public Info Code: Y 19-NOV-1973	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
691 / 691	DEF AT first sample examined	DEF AT 2
692 / 692	DEF AT gray shale	DEF AT 2
3900 / 3900	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5520 / 5520	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6780 / 6780	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
7680 / 7679	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8040 / 8039	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8930 / 8929	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9830 / 9829	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
11570 / 11568	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
11833 / 11831	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 6	Date of Summary: 06-MAR-1969	First Sample Examined: 3000
Lease Number: G01828	Source of Paleo: OPERATOR	Borehole MD: 12245
Well Name: 002	Paleo Done By: FRED SMITH, JR.	Borehole TVD: 12245
API Well Number: 427080010300	Drilling Operator: TACCO	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 3000 - 12245	Water Depth: 61
Public Info Code: Y 19-NOV-1973	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3001 /	DEF AT gray shale	DEF AT
3690 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5220 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5940 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6120 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6420 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7020 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
7230 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
7290 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8340 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9780 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12245 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 6	Date of Summary: 05-SEP-1973	First Sample Examined: 0
Lease Number: G01828	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10082
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10082
API Well Number: 427084001100	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 61
Public Info Code: Y 19-NOV-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7810 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9580 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 12	Date of Summary: 03-SEP-1985	First Sample Examined: 4990
Lease Number: G06176	Source of Paleo: OPERATOR	Borehole MD: 12859
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12856
API Well Number: 427084014100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12850	Water Depth: 66
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4990 / 4990	DEF AT first sample examined	DEF AT 3
5500 / 5500	DEF AT - - - - -	DEF AT 2
5620 / 5620	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6490 / 6490	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7030 / 7030	DEF AT sample gap top	DEF AT
8109 / 8109	DEF AT sample gap bottom	DEF AT
8110 / 8110	DEF AT - - - - -	DEF AT 3
8140 / 8140	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8440 / 8440	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9250 / 9249	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9940 / 9938	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10450 / 10448	DEF AT - - - - -	DEF AT 4
10960 / 10957	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11470 / 11467	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
12640 / 12637	DEF AT - - - - -	DEF AT 3
12820 / 12817	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12850 / 12847	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 24	Date of Summary: 13-JAN-1983	First Sample Examined: 220
Lease Number: G04735	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 427084012600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 220 - 13000	Water Depth: 61
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
220 / 220	DEF AT first sample examined	DEF AT 1
1510 / 1510	DEF AT sample gap top	POS AT 1
1870 / 1870	DEF AT sample gap bottom	DEF AT 1
2110 / 2110	DEF AT - - - - -	DEF AT 1
2200 / 2200	DEF AT non-marine sediment	DEF AT 0
2410 / 2410	DEF AT - - - - -	DEF AT 1
2860 / 2860	DEF AT non-marine sediment	DEF AT 0
2950 / 2950	DEF AT - - - - -	DEF AT 1
3160 / 3160	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3340 / 3340	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3490 / 3490	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
3790 / 3790	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
4120 / 4120	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
4360 / 4360	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4690 / 4690	DEF AT local marker deep water fauna	DEF AT 4
4810 / 4810	DEF AT - - - - -	DEF AT 3
4870 / 4870	POS AT Arenaceous fauna (local marker)	DEF AT 3
5170 / 5170	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
5500 / 5500	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5590 / 5590	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
5620 / 5620	DEF AT - - - - -	DEF AT 2
5650 / 5650	DEF AT - - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 24	Date of Summary: 13-JAN-1983	First Sample Examined: 220
Lease Number: G04735	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 427084012600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 220 - 13000	Water Depth: 61
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5710 / 5710	DEF AT Cyclammina sp. (local marker)	DEF AT 3
5740 / 5740	DEF AT - - - - -	DEF AT 2
6160 / 6160	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6250 / 6250	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6310 / 6310	DEF AT local marker benthic foram increase	DEF AT 2
6970 / 6970	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
7000 / 7000	DEF AT - - - - -	DEF AT 3
7180 / 7180	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7240 / 7240	DEF AT - - - - -	DEF AT 2
7300 / 7300	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
7420 / 7420	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
7540 / 7540	DEF AT local marker planktic foram increase	DEF AT 3
7630 / 7630	DEF AT - - - - -	DEF AT 3
7900 / 7899	POS AT unconformity	DEF AT 3
7930 / 7929	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7960 / 7959	DEF AT sample gap top	POS AT 3
8109 / 8108	DEF AT sample gap bottom	DEF AT 3
8110 / 8109	DEF AT Eggerella sp. (local marker)	DEF AT 3
8710 / 8709	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
8830 / 8829	DEF AT Eggerella 3 (local marker)	DEF AT 3
9430 / 9429	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9730 / 9729	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10000 / 9999	DEF AT deepwater facies Cyclammina	DEF AT 3
10450 / 10448	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 24	Date of Summary: 13-JAN-1983	First Sample Examined: 220
Lease Number: G04735	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 427084012600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 220 - 13000	Water Depth: 61
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10630 / 10614	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10750 / 10734	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
11140 / 11124	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11141 / 11125	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11740 / 11724	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
11920 / 11904	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
12310 / 12293	POS AT Bathysiphon fauna	DEF AT 4
12400 / 12383	DEF AT Middle Miocene (Serravallian) Cibicides barnetti	DEF AT 4
12460 / 12443	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13000 / 12982	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 33	Date of Summary: 07-MAR-1985	First Sample Examined: 4450
Lease Number: G04737	Source of Paleo: OPERATOR	Borehole MD: 13432
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13394
API Well Number: 427084012800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4450 - 13433	Water Depth: 66
Public Info Code: Y 31-AUG-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4450 / 4450	DEF AT first sample examined	DEF AT
4451 / 4451	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
4550 / 4550	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
4650 / 4650	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
4759 / 4759	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4760 / 4760	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
5060 / 5060	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
5180 / 5180	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
5390 / 5390	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
6290 / 6289	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8240 / 8238	DEF AT local marker benthic foram increase	DEF AT
9170 / 9165	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9590 / 9585	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10340 / 10333	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
12170 / 12143	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13040 / 13008	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
13433 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 33	Date of Summary: 01-APR-1985	First Sample Examined: 375
Lease Number: G04737	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13432
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 13394
API Well Number: 427084012800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 375 - 13433	Water Depth: 66
Public Info Code: Y 31-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
375 / 375	DEF AT first sample examined	DEF AT 1
620 / 620	DEF AT - - - - -	DEF AT 2
740 / 740	DEF AT - - - - -	DEF AT 1
3560 / 3560	DEF AT - - - - -	DEF AT 2
3589 / 3589	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 2
3590 / 3590	POS IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
3591 / 3591	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
3830 / 3830	DEF AT - - - - -	DEF AT 3
3950 / 3950	DEF AT local marker planktic foram increase	DEF AT 3
4005 / 4005	DEF AT cement	POS AT 3
4160 / 4160	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
4400 / 4400	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
4610 / 4610	DEF AT - - - - -	DEF AT 3
4760 / 4760	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
5000 / 5000	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
5180 / 5180	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
5200 / 5200	DEF AT cement	POS AT 4
5360 / 5360	DEF IN Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
5540 / 5540	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
5630 / 5630	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
5700 / 5700	DEF AT cement	POS AT 4
5750 / 5750	DEF AT - - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 33	Date of Summary: 01-APR-1985	First Sample Examined: 375
Lease Number: G04737	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13432
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 13394
API Well Number: 427084012800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 375 - 13433	Water Depth: 66
Public Info Code: Y 31-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 6199	DEF AT - - - - -	DEF AT 2
6380 / 6379	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6740 / 6739	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7100 / 7099	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
7220 / 7219	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8000 / 7998	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8720 / 8716	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8818 / 8814	DEF AT cement	POS AT 3
9800 / 9795	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11600 / 11578	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11960 / 11934	DEF AT local marker foram increase	DEF AT 3
12830 / 12799	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
12950 / 12918	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13432 / 13400	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 62	Date of Summary: 26-JUN-1985	First Sample Examined: 3490
Lease Number: G06184	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 427084017400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3490 - 12000	Water Depth: 58
Public Info Code: Y 30-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3490 / 3490	DEF AT first sample examined	POS AT 2
4420 / 4420	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
4800 / 4800	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6540 / 6540	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7460 / 7460	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8020 / 8020	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF IN 2
8760 / 8759	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 2
9390 / 9389	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
10800 / 10798	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12000 / 11996	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 72	Date of Summary: 31-MAY-1985	First Sample Examined: 300
Lease Number: 00619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17020
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17020
API Well Number: 427080004000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 2 of 2	Sample Range: 300 - 17020	Water Depth: 80
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	DEF AT
301 /	DEF AT poor sample interval top	DEF AT
480 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
1510 /	DEF AT sample gap top	POS IN 1
1600 /	DEF AT sample gap bottom	DEF IN 1
3065 /	POS AT local marker foram increase	DEF IN 1
3066 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 1
3095 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 1
3395 /	DEF AT local marker foram decrease	DEF AT 1
4965 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5065 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
5455 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
5840 /	DEF AT cement	POS AT 3
6320 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
6350 /	DEF AT sample gap top	POS AT 4
6640 /	DEF AT sample gap bottom	DEF AT 4
6790 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 4
6970 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7370 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7550 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
7830 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
8040 /	DEF AT local marker foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 72	Date of Summary: 31-MAY-1985	First Sample Examined: 300
Lease Number: 00619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17020
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17020
API Well Number: 427080004000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 2 of 2	Sample Range: 300 - 17020	Water Depth: 80
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8420 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
9020 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9230 /	DEF AT local marker foram increase	DEF AT 4
9560 /	DEF AT local marker foram increase	DEF AT 4
10229 /	DEF AT cement	DEF AT 4
10230 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10765 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11025 /	DEF AT local marker planktic foram increase	DEF IN 4
11054 /	DEF AT pyrite	DEF IN 4
11055 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 4
11505 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF IN 4
11595 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
11795 /	POS IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
12615 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12675 /	DEF AT sample gap top	DEF AT
12720 /	DEF AT sample gap bottom	DEF AT 4
13855 /	DEF AT drilling material	DEF AT 4
13975 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
14095 /	DEF AT drilling material	DEF AT 4
14400 /	DEF AT local marker foram decrease	POS AT 4
15700 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
16060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
16180 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
16509 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 72	Date of Summary: 31-MAY-1985	First Sample Examined: 300
Lease Number: 00619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17020
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17020
API Well Number: 427080004000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 2 of 2	Sample Range: 300 - 17020	Water Depth: 80
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16510 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
17019 /	DEF AT poor sample interval bottom	DEF AT 4
17020 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 86	Date of Summary: 22-MAR-1985	First Sample Examined: 5000
Lease Number: G06188	Source of Paleo: OPERATOR	Borehole MD: 16911
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16898
API Well Number: 427084016600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 5000 - 16911	Water Depth: 84
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4999	DEF AT first sample examined	DEF AT 4
5001 / 5000	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5510 / 5509	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
6440 / 6438	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
7280 / 7278	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8000 / 7998	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9350 / 9348	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
9500 / 9498	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10250 / 10248	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11480 / 11478	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
13250 / 13248	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
16911 / 16898	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 86	Date of Summary: 27-JUN-1985	First Sample Examined: 5000
Lease Number: G06188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16911
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 16898
API Well Number: 427084016600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5000 - 16911	Water Depth: 84
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4999	DEF AT first sample examined	DEF AT 4
5001 / 5000	DEF IN Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
5540 / 5539	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
6320 / 6318	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7100 / 7098	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7400 / 7398	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
7640 / 7638	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7850 / 7848	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
8120 / 8118	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8150 / 8148	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 3
8240 / 8238	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
8960 / 8958	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
9110 / 9108	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9710 / 9708	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10250 / 10248	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11419 / 11417	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
11420 / 11418	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
13040 / 13038	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
13250 / 13248	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13310 / 13308	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13400 / 13398	DEF AT sample gap top	POS AT 4
16609 / 16598	DEF AT sample gap bottom	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 86	Date of Summary: 27-JUN-1985	First Sample Examined: 5000
Lease Number: G06188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16911
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 16898
API Well Number: 427084016600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5000 - 16911	Water Depth: 84
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16610 / 16599	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
16730 / 16718	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
16911 / 16898	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 104	Date of Summary: 18-NOV-1985	First Sample Examined: 530
Lease Number: 00637	Source of Paleo: OPERATOR	Borehole MD: 13386
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13386
API Well Number: 427080004100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 4 of 6	Sample Range: 530 - 13386	Water Depth: 96
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
530 /	DEF AT first sample examined	DEF AT 2
960 /	DEF AT -----	DEF AT 1
3280 /	DEF AT -----	DEF AT 2
3705 /	DEF AT -----	DEF AT 1
5040 /	DEF AT -----	DEF AT 2
6770 /	DEF AT -----	DEF AT 3
8050 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10900 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
12950 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
13386 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 104	Date of Summary: 07-JAN-1986	First Sample Examined: 2620
Lease Number: 00637	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13386
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 13386
API Well Number: 427080004100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 5 of 6	Sample Range: 2620 - 13410	Water Depth: 96
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Report based on sidewall cores

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2620 /	DEF AT first sample examined	DEF AT 1
3773 /	DEF AT oxidized shale	DEF AT 1
5300 /	POS AT unconformity	DEF IN 1
6654 /	DEF AT oxidized shale	DEF IN 1
6749 /	DEF AT oxidized shale	DEF AT 2
6750 /	DEF AT local marker foram increase	DEF AT 2
6856 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
7045 /	POS AT unconformity	DEF IN 2
7046 /	DEF AT local marker foram increase	DEF IN 2
7051 /	DEF AT pyrite	DEF AT 3
7052 /	DEF AT Bathysiphon fauna	DEF AT 3
7058 /	DEF AT foram flood	DEF AT 4
7350 /	DEF AT foram flood	DEF AT 6
7500 /	DEF AT oxidized shale	DEF AT 6
7850 /	DEF AT pyrite	DEF AT 6
7851 /	DEF AT oxidized shale	DEF AT 6
8100 /	DEF AT local marker deep water fauna	DEF AT 6
10900 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
11050 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
11150 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
12400 /	DEF AT local marker deep water fauna	DEF AT 5
13100 /	DEF AT faunal change (no faunal increase)	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 104	Date of Summary: 07-JAN-1986	First Sample Examined: 2620
Lease Number: 00637	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13386
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 13386
API Well Number: 427080004100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 5 of 6	Sample Range: 2620 - 13410	Water Depth: 96
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 005

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13410 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 104	Date of Summary: 07-JAN-1986	First Sample Examined: 3495
Lease Number: 00637	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13386
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 13386
API Well Number: 427080004100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 6 of 6	Sample Range: 3495 - 6863	Water Depth: 96
Public Info Code: Y 30-AUG-1957	Ecozone Eq MMS: Y	Paleo ID: 006

Remark: Washed lithologic cuttings samples

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3495 /	DEF AT first sample examined	DEF AT 1
6854 /	DEF AT unconformity	DEF AT 2
6856 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
6863 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 154	Date of Summary: 16-JUL-1978	First Sample Examined: 850
Lease Number: G02682	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9078
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9074
API Well Number: 427084002700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 850 - 9080	Water Depth: 131
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 / 850	DEF AT first sample examined	POS AT 2
1140 / 1140	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1260 / 1260	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2930 / 2929	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3949 / 3948	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
3950 / 3949	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4010 / 4009	DEF AT pyrite	DEF AT 2
5700 / 5697	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5790 / 5787	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6300 / 6297	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 3
7719 / 7716	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
7720 / 7717	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
7900 / 7896	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
8090 / 8086	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
8180 / 8176	DEF AT pyrite	DEF AT 5
8300 / 8296	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8480 / 8476	DEF AT pyrite	DEF AT 5
9080 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 154	Date of Summary: 09-JUL-1979	First Sample Examined: 1970
Lease Number: G02682	Source of Paleo: OPERATOR	Borehole MD: 7474
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7474
API Well Number: 427084007500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 1970 - 7430	Water Depth: 134
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1970 / 1970	DEF AT first sample examined	DEF AT 2
2330 / 2330	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2725 / 2725	DEF AT faunal change (no faunal increase)	DEF AT 1
3020 / 3020	DEF AT cement	DEF AT 2
3140 / 3140	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6949 / 6949	POS AT unconformity	DEF AT 4
6950 / 6950	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
7370 / 7370	DEF AT gouge	DEF AT 6
7371 / 7371	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
7372 / 7372	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
7430 / 7430	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 157	Date of Summary: 04-FEB-1986	First Sample Examined: 5680
Lease Number: G06196	Source of Paleo: OPERATOR	Borehole MD: 7860
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7860
API Well Number: 427084017700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 4030 - 7860	Water Depth: 130
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5680 / 5679	DEF AT first sample examined	DEF AT 1
7600 / 7599	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
7860 / 7859	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 157	Date of Summary: 17-DEC-1985	First Sample Examined: 0
Lease Number: G06196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7453
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7450
API Well Number: 427084021700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6015 / 6014	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 10-JAN-1983	First Sample Examined: 4500
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16984
API Well Number: 427104001700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 2	Sample Range: 4500 - 17000	Water Depth: 53
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report, 8760=Cyclococcolithus neogammation

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT
4501 / 4501	DEF IN Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
5100 / 5099	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6330 / 6329	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
7140 / 7139	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
8160 / 8158	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
8760 / 8758	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
8850 / 8848	POS AT Upper Miocene (Tortonian) Discoaster deflandrei	DEF AT
9090 / 9087	DEF AT local marker floral increase	DEF AT
10980 / 10975	DEF AT local marker floral decrease	DEF AT
11220 / 11215	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
14080 / 14074	DEF AT Middle Miocene (Langhian) Discoaster calcosus	DEF AT
14470 / 14463	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus (acme)	DEF AT
15310 / 15301	POS AT Middle Miocene (Langhian) Helicosphaera ampliaperta	DEF AT
16000 / 15989	DEF AT local marker floral decrease	DEF AT
17000 / 16984	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 20-MAY-1983	First Sample Examined: 1960
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16984
API Well Number: 427104001700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 310 - 17000	Water Depth: 53
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1960 / 1960	DEF AT first sample examined	DEF AT 1
2080 / 2080	DEF AT non-marine sediment	DEF AT 0
2081 / 2081	DEF AT - - - - -	DEF AT 1
2800 / 2800	DEF AT shell fragments	DEF AT 1
2920 / 2920	DEF AT non-marine sediment	DEF AT 0
2921 / 2921	DEF AT - - - - -	DEF AT 1
3700 / 3700	DEF AT - - - - -	DEF AT 2
3820 / 3820	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
3821 / 3821	DEF AT pyrite	DEF AT 2
4060 / 4060	DEF AT local marker foram increase	DEF AT 2
4460 / 4460	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
4480 / 4480	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
4620 / 4620	DEF AT pyrite	DEF AT 2
4650 / 4650	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
4710 / 4710	DEF AT local marker benthic foram increase	POS AT 3
5190 / 5189	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
5550 / 5549	DEF AT - - - - -	DEF AT 1
5730 / 5729	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
5820 / 5819	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
6230 / 6229	POS AT - - - - -	DEF AT 1
6360 / 6359	DEF AT - - - - -	DEF AT 2
6450 / 6449	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 20-MAY-1983	First Sample Examined: 1960
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16984
API Well Number: 427104001700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 310 - 17000	Water Depth: 53
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6659	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8040 / 8038	DEF AT pyrite	DEF AT 2
8190 / 8188	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8910 / 8907	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
8970 / 8967	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9539 / 9535	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9540 / 9536	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9690 / 9686	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9840 / 9836	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9900 / 9896	POS AT Cyclammia cancellata (local marker)	DEF AT 3
9960 / 9956	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10250 / 10246	DEF AT local marker planktic foram increase	DEF AT 3
10380 / 10375	DEF AT local marker benthic foram increase	DEF AT 3
10650 / 10645	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11190 / 11185	DEF AT local marker foram increase	DEF AT 2
11280 / 11275	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
11590 / 11585	DEF AT deepwater facies Harang	DEF AT 3
11620 / 11615	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
11920 / 11915	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
12370 / 12365	DEF AT - - - - -	DEF AT 2
12700 / 12695	DEF AT local marker foram increase	DEF AT 3
13450 / 13444	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
13870 / 13864	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
15070 / 15061	DEF AT - - - - -	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 20-MAY-1983	First Sample Examined: 1960
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16984
API Well Number: 427104001700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 107
Paleo Report Num: 2 of 2	Sample Range: 310 - 17000	Water Depth: 53
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15880 / 15870	DEF AT - - - - -	DEF AT 3
16000 / 15989	DEF AT - - - - -	DEF IN 2
16090 / 16079	DEF AT sample gap top	POS IN 2
16150 / 16138	DEF AT sample gap bottom	DEF IN 2
16810 / 16795	DEF AT - - - - -	DEF AT 3
17000 / 16984	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 17-AUG-1983	First Sample Examined: 345
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 11308
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11303
API Well Number: 427104002200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 345 - 11300	Water Depth: 58
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
345 / 345	DEF AT first sample examined	DEF AT 1
346 / 346	DEF AT shell fragments	DEF AT 1
1000 / 1000	DEF AT non-marine sediment	DEF AT 0
1420 / 1420	DEF AT faunal change (no faunal increase)	DEF AT 1
1660 / 1660	DEF AT non-marine sediment	DEF AT 0
1960 / 1960	DEF AT faunal change (no faunal increase)	DEF AT 1
2140 / 2140	DEF AT non-marine sediment	DEF AT 0
2860 / 2860	DEF AT faunal change (no faunal increase)	DEF AT 1
3280 / 3280	DEF AT shell fragments	DEF AT 1
4000 / 4000	DEF AT Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai</i> (acme)	DEF AT 1
4180 / 4180	DEF AT Lower Pliocene (Zanclian) <i>Buliminella</i> 1	DEF AT 1
4300 / 4300	DEF AT faunal change (no faunal increase)	DEF AT 2
4420 / 4420	POS AT Lower Pliocene (Zanclian) <i>Sigmoilina "P" / cf. schlumbergeri</i>	DEF AT 2
4530 / 4530	DEF AT faunal change (no faunal increase)	DEF AT 1
4680 / 4680	DEF AT faunal change (no faunal increase)	DEF AT 2
4710 / 4710	DEF AT Lower Pliocene (Zanclian) <i>Sigmoilina "P" / cf. schlumbergeri</i>	DEF AT 2
4860 / 4860	DEF AT sample gap top	DEF AT
4889 / 4889	DEF AT sample gap bottom	DEF AT
4890 / 4890	DEF AT faunal change (no faunal increase)	DEF AT 2
4920 / 4920	DEF AT Upper Miocene (Messinian) <i>Textularia "X"</i>	DEF AT 1
4950 / 4950	POS AT Upper Miocene (Tortonian) <i>Textularia</i> 6	DEF AT 1
5040 / 5040	DEF AT faunal change (no faunal increase)	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 17-AUG-1983	First Sample Examined: 345
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 11308
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11303
API Well Number: 427104002200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 345 - 11300	Water Depth: 58
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5460 / 5460	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
5940 / 5940	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
6360 / 6360	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
6540 / 6540	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
7380 / 7380	POS AT Eggerella sp. (local marker)	DEF AT 1
7650 / 7650	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
7950 / 7950	DEF AT poor sample interval top	POS AT 1
8310 / 8310	DEF AT poor sample interval bottom	DEF AT 1
8400 / 8400	DEF AT faunal change (no faunal increase)	DEF AT 2
8430 / 8430	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8970 / 8969	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
9120 / 9119	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
9270 / 9269	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
9330 / 9329	POS AT Cyclammina cancellata (local marker)	DEF AT 3
9420 / 9419	DEF AT poor sample interval top	POS AT 3
9510 / 9509	DEF AT faunal change (no faunal increase)	DEF AT 2
9930 / 9929	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
10200 / 10199	DEF AT poor sample interval bottom	DEF AT 2
10380 / 10378	DEF AT faunal change (no faunal increase)	DEF AT 3
10530 / 10528	DEF AT faunal change (no faunal increase)	DEF AT 2
10710 / 10707	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10950 / 10947	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11070 / 11066	DEF AT deepwater facies Pontchartrain	DEF AT 3
11130 / 11126	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 17-AUG-1983	First Sample Examined: 345
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 11308
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11303
API Well Number: 427104002200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 345 - 11300	Water Depth: 58
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11300 / 11295	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 171	Date of Summary: 23-AUG-1983	First Sample Examined: 4950
Lease Number: G04741	Source of Paleo: OPERATOR	Borehole MD: 11308
Well Name: 002	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 11303
API Well Number: 427104002200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 4950 - 11220	Water Depth: 58
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4950 / 4950	DEF AT first sample examined	DEF AT
4951 / 4951	DEF IN Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
6600 / 6600	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
7950 / 7950	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
8220 / 8220	POS AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
10140 / 10139	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
11220 / 11215	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 20-APR-1969	First Sample Examined: 2000
Lease Number: G01850	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6345
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6345
API Well Number: 427100000900	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 1 of 5	Sample Range: 2000 - 6345	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	POS AT 2
2690 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
3000 /	DEF AT cement	POS AT 2
3270 /	DEF AT gray shale	DEF AT 2
3630 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3660 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4920 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
5159 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
5250 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
5550 /	DEF AT local marker planktic foram increase	DEF AT 6
5609 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
5610 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6060 /	DEF AT salt	DEF AT 6
6345 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 17-JUN-1970	First Sample Examined: 2000
Lease Number: G01850	Source of Paleo: OPERATOR	Borehole MD: 6345
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6345
API Well Number: 427100000900	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 2 of 5	Sample Range: 2000 - 6345	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF AT 1
3450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4620 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
4710 /	DEF AT - - - - -	DEF AT 3
5010 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
5790 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6345 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 17-JUN-1970	First Sample Examined: 3069
Lease Number: G01850	Source of Paleo: OPERATOR	Borehole MD: 6345
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6345
API Well Number: 427100000900	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 3 of 5	Sample Range: 3069 - 6890	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS:	Paleo ID: 005

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
3069 /	DEF AT first sample examined	DEF AT 1
3159 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5525 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
6365 /	DEF AT - - - - -	DEF AT 4
6575 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
6665 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
6890 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 17-JUN-1970	First Sample Examined: 3450
Lease Number: G01850	Source of Paleo: OPERATOR	Borehole MD: 6345
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6345
API Well Number: 427100000900	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 4 of 5	Sample Range: 3450 - 6345	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS:	Paleo ID: 006

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
3450 /	DEF AT first sample examined	DEF AT
3451 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
4949 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
4950 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
5130 /	DEF AT floral flood	DEF AT
5309 /	DEF AT floral flood	DEF AT
5310 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
5790 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 25-APR-1969	First Sample Examined: 4265
Lease Number: G01850	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6703
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6069
API Well Number: 427100000901	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 4265 - 6890	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4265 / 4184	DEF AT first sample examined	POS AT 4
4266 / 4185	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	POS AT 4
5555 / 5138	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5585 / 5161	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
6515 / 5917	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
6605 / 5995	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
6635 / 6021	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6890 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 30-MAY-1974	First Sample Examined: 2550
Lease Number: G01850	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5354
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 5354
API Well Number: 427104000300	Drilling Operator: TEXACO INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2550 - 5354	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2550 /	DEF AT first sample examined	POS AT 2
3860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4970 /	DEF AT - - - -	DEF AT 4
5000 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
5059 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
5060 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5300 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
5354 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 227	Date of Summary: 10-JUN-1974	First Sample Examined: 650
Lease Number: G01850	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6800
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 6800
API Well Number: 427103001400	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 650 - 6800	Water Depth: 90
Public Info Code: Y 30-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
650 /	DEF AT first sample examined	DEF AT
651 /	DEF AT cement	DEF AT
830 /	POS AT Turtle Grass fauna = Amphistegina Mound	POS AT 1
4730 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5930 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6320 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6650 /	POS IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
6800 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 14-DEC-1969	First Sample Examined: 750
Lease Number: G01851	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6155
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6155
API Well Number: 427103000600	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 750 - 6155	Water Depth: 85
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
750 /	DEF AT first sample examined	DEF AT 2
990 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1440 /	DEF AT - - - -	DEF IN 2
4200 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4260 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4290 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5520 /	POS AT reworked material	DEF AT 2
5550 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5640 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
5730 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
5790 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
5850 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
5880 /	DEF AT local marker foram increase	DEF AT 5
5940 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5970 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6090 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
6155 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 21-DEC-1969	First Sample Examined: 3130
Lease Number: G01851	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8590
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7183
API Well Number: 427103000601	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 3130 - 8597	Water Depth: 85
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3130	DEF AT first sample examined	POS AT 2
3131 / 3131	DEF AT cement	POS AT 2
3480 / 3479	DEF AT gray shale	DEF AT 2
4080 / 4054	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4140 / 4109	DEF AT pyrite	DEF AT 2
4230 / 4188	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4320 / 4266	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5270 / 4936	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6110 / 5446	DEF AT - - - - -	DEF IN 3
7070 / 6071	DEF AT pyrite	POS AT 4
7370 / 6276	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7400 / 6297	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
7430 / 6318	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
7519 / 6380	DEF AT pyrite	DEF AT 5
7520 / 6380	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7550 / 6401	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7760 / 6552	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8360 / 6997	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8570 / 7161	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
8597 / 7183	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 27-APR-1972	First Sample Examined: 3130
Lease Number: G01851	Source of Paleo: OPERATOR	Borehole MD: 8590
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7183
API Well Number: 427103000601	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 3130 - 8597	Water Depth: 85
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 3130	DEF AT first sample examined	DEF AT
7370 / 6276	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8580 / 7169	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8581 / 7170	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8597 / 7183	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 26-DEC-1969	First Sample Examined: 600
Lease Number: G01851	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5012
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 5012
API Well Number: 427103000500	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 600 - 5012	Water Depth: 84
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
600 /	DEF AT first sample examined	POS IN 1
930 /	DEF AT miliolid limestone	DEF IN 1
2640 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
3420 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3510 /	DEF AT local marker foram decrease	DEF IN 1
3990 /	DEF AT pyrite	POS IN 1
4350 /	DEF AT local marker foram increase	DEF AT 5
4470 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4530 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4560 /	DEF AT - - - - -	POS AT 6
4620 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	POS AT 6
4710 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
5012 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 26-JAN-1970	First Sample Examined: 0
Lease Number: G01851	Source of Paleo: OPERATOR	Borehole MD: 5012
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5012
API Well Number: 427103000500	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 84
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
600 /	DEF AT - - - - -	DEF AT 1
4260 /	DEF AT unconformity	DEF AT 1
4350 /	POS IN Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
4380 /	DEF AT - - - - -	DEF AT 4
4800 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
4801 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 26-JAN-1970	First Sample Examined: 600
Lease Number: G01851	Source of Paleo: OPERATOR	Borehole MD: 5012
Well Name: 002	Paleo Done By: BILL BOULDEN	Borehole TVD: 5012
API Well Number: 427103000500	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 3 of 3	Sample Range: 600 - 4925	Water Depth: 84
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
600 /	DEF AT - - - - -	DEF AT 1
3390 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4320 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
4350 /	DEF AT - - - - -	DEF AT 4
4680 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
4800 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 228	Date of Summary: 20-MAY-1970	First Sample Examined: 670
Lease Number: G01851	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 4914
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 3938
API Well Number: 427103001600	Drilling Operator: TEXACO INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 670 - 4914	Water Depth: 84
Public Info Code: Y 13-JUN-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
670 / 670	DEF AT first sample examined	POS AT 1
730 / 730	DEF AT - - - - -	DEF IN 1
3830 / 3296	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3831 / 3296	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4820 / 3915	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
4914 / 3969	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 245	Date of Summary: 25-JUL-1971	First Sample Examined: 810
Lease Number: G01432	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 3142
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 3142
API Well Number: 427104006700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 20
Paleo Report Num: 1 of 1	Sample Range: 810 - 3140	Water Depth: 120
Public Info Code: Y 27-DEC-1966	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack report of sulphur core test

MD / TVD	Paleo Top Description	Ecozone
810 /	DEF AT first sample examined	DEF AT
811 /	DEF AT cement	DEF AT
960 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1230 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1470 /	DEF AT siltstone	DEF AT 2
1800 /	DEF AT local marker foram increase	DEF AT 1
3140 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 245	Date of Summary: 31-DEC-1974	First Sample Examined: 1050
Lease Number: G02683	Source of Paleo: OPERATOR	Borehole MD: 5618
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5617
API Well Number: 427104000600	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1050 - 5618	Water Depth: 115
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF AT 2
1450 / 1450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4630 / 4630	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4960 / 4960	DEF AT - - - - -	DEF AT 3
5227 / 5227	DEF AT - - - - -	DEF AT 5
5245 / 5245	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5560 / 5559	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
5618 / 5617	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 262	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G03750	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6851
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6851
API Well Number: 427114056900	Drilling Operator: TEXACO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3860	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4210 / 4210	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5500 / 5500	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 263	Date of Summary: 05-FEB-1974	First Sample Examined: 900
Lease Number: G02396	Source of Paleo: OPERATOR	Borehole MD: 9470
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9470
API Well Number: 427114000800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 900 - 9400	Water Depth: 152
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF IN 2
1230 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
3270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4329 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4330 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6550 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
6640 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
6790 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
6910 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
7480 /	DEF AT local marker foram decrease	DEF AT 5
8499 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
8500 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
8530 /	DEF AT foram flood	DEF AT 6
8710 /	DEF AT local marker deep water fauna	DEF AT 6
8769 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
8770 /	POS AT gouge	DEF AT 6
9070 /	POS IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
9340 /	DEF AT anhydrite	DEF AT 6
9400 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 267	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G04590	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9511
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9510
API Well Number: 427114053000	Drilling Operator: DIAMOND CHEMICALS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8570 / 8569	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 270	Date of Summary: 29-JAN-1985	First Sample Examined: 1020
Lease Number: G02724	Source of Paleo: OPERATOR	Borehole MD: 9150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9150
API Well Number: 427114012400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1020 - 9120	Water Depth: 164
Public Info Code: Y 11-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 / 1020	DEF AT first sample examined	DEF AT 1
1510 / 1510	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2740 / 2740	DEF AT -----	DEF AT 2
3130 / 3130	DEF AT -----	DEF AT 1
3700 / 3700	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
3750 / 3750	DEF AT -----	DEF AT 2
4050 / 4050	DEF AT -----	DEF AT 1
5100 / 5100	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5940 / 5940	DEF AT -----	DEF AT 1
6870 / 6870	DEF AT -----	DEF AT 2
7110 / 7110	DEF AT -----	DEF AT 3
7230 / 7230	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7260 / 7260	DEF AT -----	DEF AT 2
7440 / 7440	DEF AT -----	DEF AT 3
7950 / 7950	DEF AT -----	DEF AT 2
8250 / 8250	DEF AT -----	DEF AT 4
8310 / 8310	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9120 / 9120	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 270	Date of Summary: 26-FEB-1976	First Sample Examined: 0
Lease Number: G02724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9838
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8416
API Well Number: 427114012900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 164
Public Info Code: Y 01-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1480 / 1480	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3035 / 3035	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
3940 / 3940	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
4120 / 4120	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5020 / 5010	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5665 / 5617	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8050 / 7336	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
8100 / 7365	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 270	Date of Summary: 05-FEB-1986	First Sample Examined: 330
Lease Number: G02724	Source of Paleo: OPERATOR	Borehole MD: 8848
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 8847
API Well Number: 427114007900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 330 - 8847	Water Depth: 164
Public Info Code: Y 18-JUN-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
330 / 330	DEF AT first sample examined	DEF AT 1
660 / 660	DEF AT -----	DEF AT 2
1350 / 1350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1860 / 1860	DEF AT -----	DEF AT 1
2040 / 2040	DEF AT -----	DEF AT 2
2280 / 2280	DEF AT -----	DEF AT 1
3060 / 3060	DEF AT -----	DEF AT 2
3850 / 3850	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5070 / 5070	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6030 / 6030	DEF AT -----	DEF AT 1
7170 / 7170	DEF AT -----	DEF AT 2
7290 / 7290	DEF AT -----	DEF AT 3
7380 / 7380	DEF AT -----	DEF AT 2
7409 / 7409	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
7410 / 7410	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8250 / 8249	DEF AT -----	DEF AT 3
8340 / 8339	DEF AT -----	DEF AT 4
8610 / 8609	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
8847 / 8846	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 272	Date of Summary: 11-JAN-1974	First Sample Examined: 0
Lease Number: G02397	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5888
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5888
API Well Number: 427114002500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 24-AUG-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1360 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 272	Date of Summary: 30-AUG-1978	First Sample Examined: 1000
Lease Number: G02397	Source of Paleo: OPERATOR	Borehole MD: 7202
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7202
API Well Number: 427114036600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7202	Water Depth: 162
Public Info Code: Y 24-AUG-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1300 / 1300	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1570 / 1570	DEF AT - - - - -	DEF AT 3
2560 / 2560	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3609 / 3609	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
3610 / 3610	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4870 / 4870	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5114 / 5114	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
5500 / 5500	DEF AT - - - - -	DEF AT 6
6040 / 6040	POS AT turbid water facies	DEF AT 6
7180 / 7180	DEF IN local marker deep water fauna	DEF AT 6
7202 / 7202	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 273	Date of Summary: 30-JAN-1974	First Sample Examined: 850
Lease Number: G02398	Source of Paleo: OPERATOR	Borehole MD: 7100
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7100
API Well Number: 427114001600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 850 - 7100	Water Depth: 165
Public Info Code: Y 16-DEC-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 /	DEF AT first sample examined	DEF AT 2
1000 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3500 /	DEF AT - - - - -	DEF AT 2
3710 /	DEF AT sample gap top	POS AT 2
4490 /	DEF AT sample gap bottom	DEF AT 3
4550 /	DEF AT local marker benthic foram increase	DEF AT 3
4760 /	DEF AT - - - - -	DEF AT 2
6570 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
7100 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 273	Date of Summary: 27-NOV-1978	First Sample Examined: 2770
Lease Number: G02398	Source of Paleo: OPERATOR	Borehole MD: 5910
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4748
API Well Number: 427114038500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 2770 - 5915	Water Depth: 165
Public Info Code: Y 16-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2770 / 2526	DEF AT first sample examined	DEF IN 2
3460 / 3029	DEF AT sample gap top	POS IN 2
3639 / 3151	DEF AT sample gap bottom	DEF AT 3
3640 / 3152	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5560 / 4498	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5915 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 273	Date of Summary: 14-DEC-1978	First Sample Examined: 2890
Lease Number: G02398	Source of Paleo: OPERATOR	Borehole MD: 4850
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4772
API Well Number: 427114038800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 2890 - 4840	Water Depth: 165
Public Info Code: Y 16-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2890 / 2890	DEF AT first sample examined	DEF IN 2
3100 / 3100	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 3
4540 / 4539	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
4840 / 4838	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 273	Date of Summary: 01-FEB-1979	First Sample Examined: 3660
Lease Number: G02398	Source of Paleo: OPERATOR	Borehole MD: 8922
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7163
API Well Number: 427114039200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 3660 - 8540	Water Depth: 165
Public Info Code: Y 16-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 / 3459	DEF AT first sample examined	DEF IN 3
3810 / 3570	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4780 / 4285	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
8540 / 6881	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 274	Date of Summary: 04-FEB-1972	First Sample Examined: 3000
Lease Number: G02399	Source of Paleo: OPERATOR	Borehole MD: 7759
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7759
API Well Number: 427114002600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7740	Water Depth: 162
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT last sample examined	DEF IN 2
3120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4380 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7080 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7590 /	DEF AT gouge	DEF AT 6
7620 /	DEF AT anhydrite	DEF AT
7740 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 274	Date of Summary: 03-APR-1974	First Sample Examined: 930
Lease Number: G02399	Source of Paleo: OPERATOR	Borehole MD: 4919
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4919
API Well Number: 427114004000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 930 - 4920	Water Depth: 168
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
930 /	DEF AT first sample examined	DEF IN 2
1830 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3090 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4680 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4920 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 275	Date of Summary: 11-MAR-1974	First Sample Examined: 2560
Lease Number: G02400	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 427114003300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 2560 - 8000	Water Depth: 167
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2560 /	DEF AT first sample examined	DEF AT 2
2561 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2830 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5290 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7260 /	DEF AT - - - - -	DEF AT 5
8000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 277	Date of Summary: 03-DEC-1973	First Sample Examined: 1030
Lease Number: G02401	Source of Paleo: OPERATOR	Borehole MD: 6511
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6511
API Well Number: 427114000300	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1030 - 6511	Water Depth: 177
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 /	DEF AT first sample examined	DEF IN 2
1390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2350 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3400 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4510 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6420 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6511 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 278	Date of Summary: 14-MAY-1974	First Sample Examined: 500
Lease Number: G02402	Source of Paleo: OPERATOR	Borehole MD: 6010
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6010
API Well Number: 427114004500	Drilling Operator: CITIES SERVICE OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 500 - 6010	Water Depth: 182
Public Info Code: Y 15-DEC-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF AT 2
1570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1810 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3640 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3910 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4300 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4720 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4869 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4960 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
5020 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5710 /	DEF AT local marker benthic foram increase	DEF AT 4
5770 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6010 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 279	Date of Summary: 28-DEC-1977	First Sample Examined: 4400
Lease Number: G03314	Source of Paleo: OPERATOR	Borehole MD: 9791
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7018
API Well Number: 427114030100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 4400 - 9770	Water Depth: 179
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4400 / 2996	DEF AT first sample examined	DEF IN 3
5480 / 3581	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6680 / 4305	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8060 / 5339	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9770 / 6997	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 281	Date of Summary: 26-SEP-1979	First Sample Examined: 0
Lease Number: G03377	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8700
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8700
API Well Number: 427114023600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 26-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 283	Date of Summary: 07-NOV-1973	First Sample Examined: 1010
Lease Number: G02404	Source of Paleo: OPERATOR	Borehole MD: 8663
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8663
API Well Number: 427114000200	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 1010 - 8663	Water Depth: 164
Public Info Code: Y 05-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 /	DEF AT first sample examined	DEF IN 2
1460 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2449 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2570 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2750 /	DEF AT local marker foram decrease	DEF AT 3
3710 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3770 /	DEF AT local marker foram decrease	DEF AT 3
4190 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4220 /	DEF AT local marker foram decrease	DEF AT 3
5630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
5750 /	DEF AT local marker foram decrease	DEF AT 3
6410 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
6530 /	DEF AT local marker foram decrease	DEF AT 3
7100 /	DEF AT pyrite	DEF AT 3
7220 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
7790 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8630 /	DEF AT local marker deep water fauna	DEF AT 4
8658 /	DEF AT local marker deep water fauna	DEF AT 5
8661 /	POS AT gouge	DEF AT 6
8662 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
8663 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 283	Date of Summary: 19-MAY-1974	First Sample Examined: 1010
Lease Number: G02404	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8663
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8663
API Well Number: 427114000200	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 1010 - 8663	Water Depth: 164
Public Info Code: Y 05-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 /	DEF AT first sample examined	POS AT 2
1430 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2210 /	DEF AT sample gap top	POS AT 2
2510 /	DEF AT sample gap bottom	DEF AT 2
2570 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3320 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3920 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4550 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
4640 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
4790 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4820 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6410 /	DEF AT local marker benthic foram increase	DEF IN 2
6620 /	DEF AT local marker benthic foram increase	DEF IN 2
6650 /	DEF AT local marker foram decrease	DEF AT 2
7100 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
7160 /	POS AT Bathysiphon fauna	DEF AT 3
8090 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	POS AT 3
8390 /	POS AT Cyclammina cancellata (local marker)	POS AT 3
8600 /	DEF AT Eggerella 3 (local marker)	DEF AT 3
8658 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8663 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 283	Date of Summary: 10-AUG-1977	First Sample Examined: 1000
Lease Number: G02404	Source of Paleo: OPERATOR	Borehole MD: 8217
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8217
API Well Number: 427114027100	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8217	Water Depth: 175
Public Info Code: Y 26-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3285 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4455 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4599 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
4600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5140 /	DEF AT local marker foram decrease	DEF AT 3
6598 /	DEF AT sample gap top	POS AT 3
7200 /	DEF AT sample gap bottom	DEF AT 3
7700 /	POS AT local marker planktic foram increase	DEF IN 3
7760 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
7969 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
7970 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
8216 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
8217 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 283	Date of Summary: 21-DEC-1976	First Sample Examined: 1070
Lease Number: G02404	Source of Paleo: OPERATOR	Borehole MD: 9691
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8774
API Well Number: 427114001400	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1070 - 9680	Water Depth: 179
Public Info Code: Y 13-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1070 / 1070	DEF AT first sample examined	DEF IN 2
1520 / 1520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3320 / 3320	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4580 / 4537	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4700 / 4644	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6350 / 5989	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8360 / 7592	DEF AT Eggerella sp. (local marker)	DEF IN 3
8960 / 8122	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
9650 / 8738	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9680 / 8765	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 284	Date of Summary: 08-OCT-1979	First Sample Examined: 3330
Lease Number: G03951	Source of Paleo: OPERATOR	Borehole MD: 10273
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9609
API Well Number: 427114045000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3330 - 10274	Water Depth: 182
Public Info Code: Y 24-NOV-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3330 / 3225	DEF AT first sample examined	DEF AT 3
3331 / 3226	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3360 / 3254	DEF AT sample gap top	POS AT 3
3419 / 3310	DEF AT sample gap bottom	POS AT 3
3420 / 3311	DEF AT cement	POS AT 3
3660 / 3539	DEF AT cement	DEF AT 3
4590 / 4409	DEF AT - - - - -	DEF AT 2
5910 / 5624	DEF AT - - - - -	DEF AT 3
5999 / 5705	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6000 / 5706	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6750 / 6404	DEF AT sample gap top	POS AT 3
6779 / 6432	DEF AT sample gap bottom	DEF AT 4
6780 / 6432	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
7350 / 6974	DEF AT - - - - -	DEF AT 3
8100 / 7670	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8819 / 8311	DEF AT Bathysiphon fauna	DEF AT 4
8820 / 8312	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9120 / 8577	DEF AT - - - - -	DEF AT 3
10020 / 9375	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
10140 / 9482	POS AT gouge	DEF AT 7
10274 /	DEF AT last sample examined	DEF AT 7

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 284	Date of Summary: 22-OCT-1979	First Sample Examined: 3470
Lease Number: G03951	Source of Paleo: OPERATOR	Borehole MD: 9087
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8811
API Well Number: 427114045200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3470 - 9087	Water Depth: 182
Public Info Code: Y 24-NOV-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3470 / 3330	DEF AT first sample examined	POS AT 2
3471 / 3331	POS IN cement	POS AT 2
3472 / 3332	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
3890 / 3709	DEF AT cement	DEF AT 3
5269 / 4996	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5270 / 4997	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
5360 / 5086	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
6500 / 6225	DEF AT - - - -	DEF AT 3
7399 / 7124	POS AT Bathysiphon fauna	DEF AT 4
7400 / 7125	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8510 / 8234	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9087 / 8811	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 284	Date of Summary: 09-JAN-1980	First Sample Examined: 3560
Lease Number: G03951	Source of Paleo: OPERATOR	Borehole MD: 8695
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8355
API Well Number: 427114046000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3560 - 8540	Water Depth: 182
Public Info Code: Y 24-NOV-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3560 / 3346	DEF AT first sample examined	DEF AT
3561 / 3347	DEF IN cement	DEF AT
3562 / 3348	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3799 / 3560	DEF AT cement	DEF AT
3800 / 3561	DEF AT faunal change (no faunal increase)	DEF AT 2
5270 / 4933	DEF AT faunal change (no faunal increase)	DEF AT 4
5300 / 4963	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5420 / 5082	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5570 / 5231	DEF AT faunal change (no faunal increase)	DEF AT 3
7430 / 7091	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8150 / 7811	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
8540 / 8201	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 284	Date of Summary: 04-JAN-1980	First Sample Examined: 3300
Lease Number: G03951	Source of Paleo: OPERATOR	Borehole MD: 8700
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8557
API Well Number: 427114045600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3300 - 8670	Water Depth: 182
Public Info Code: Y 24-NOV-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3300 / 3300	DEF AT first sample examined	DEF AT
3301 / 3301	DEF AT cement	DEF AT
3302 / 3302	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3539 / 3539	DEF AT cement	DEF AT
3540 / 3540	DEF AT - - - - -	DEF AT 3
4500 / 4490	DEF AT - - - - -	DEF AT 2
5460 / 5404	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5520 / 5461	DEF AT - - - - -	DEF AT 4
5550 / 5490	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5730 / 5662	DEF AT - - - - -	DEF AT 3
6150 / 6067	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
6990 / 6878	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7320 / 7198	DEF AT - - - - -	DEF AT 3
8190 / 8050	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8340 / 8199	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8580 / 8437	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8670 / 8527	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 297	Date of Summary: 23-JUN-1975	First Sample Examined: 1005
Lease Number: G02730	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9447
API Well Number: 427114011300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1005 - 9450	Water Depth: 198
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1005 /	DEF AT first sample examined	DEF IN 2
1690 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2710 /	DEF AT - - - - -	DEF AT 3
4670 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7030 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7270 /	DEF AT - - - - -	DEF AT 4
8650 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9450 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 297	Date of Summary: 12-APR-1976	First Sample Examined: 1000
Lease Number: G02730	Source of Paleo: OPERATOR	Borehole MD: 9116
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9116
API Well Number: 427114013800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9116	Water Depth: 200
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1660 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2770 /	DEF AT - - - - -	DEF AT 3
4450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6160 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6280 /	DEF AT - - - - -	DEF AT 4
8070 /	DEF AT - - - - -	DEF AT 5
8730 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9116 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 299	Date of Summary: 22-JUN-1976	First Sample Examined: 0
Lease Number: G02406	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6452
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6452
API Well Number: 427114002800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 201
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1270 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3010 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6190 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 299	Date of Summary: 15-JUL-1976	First Sample Examined: 0
Lease Number: G02406	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7028
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7028
API Well Number: 427114016200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2920 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6880 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

<p>Area Block: HI A 299</p> <p>Lease Number: G02406</p> <p>Well Name: 003</p> <p>API Well Number: 427114016700</p> <p>Paleo Report Num: 1 of 1</p> <p>Public Info Code: Y 31-JUL-1978</p>	<p>Date of Summary: 15-JUL-1976</p> <p>Source of Paleo: COMPLETION REPORT (WELL SUMMARY)</p> <p>Paleo Done By: OPERATOR</p> <p>Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO</p> <p>Sample Range: 0 - 0</p> <p>Ecozone Eq MMS:</p>	<p>First Sample Examined: 0</p> <p>Borehole MD: 3600</p> <p>Borehole TVD: 3600</p> <p>Rkb Elevation: 74</p> <p>Water Depth: 198</p> <p>Paleo ID: 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3550 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 299	Date of Summary: 03-AUG-1976	First Sample Examined: 0
Lease Number: G02406	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4497
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 4497
API Well Number: 427114017000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3100 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4060 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 301	Date of Summary: 24-DEC-1974	First Sample Examined: 1188
Lease Number: G02731	Source of Paleo: OPERATOR	Borehole MD: 9403
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9403
API Well Number: 427114008100	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 1188 - 9413	Water Depth: 211
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1188 /	DEF AT first sample examined	DEF IN 3
2010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4270 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9350 /	DEF AT - - - - -	DEF AT 4
9413 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 302	Date of Summary: 10-JAN-1975	First Sample Examined: 3300
Lease Number: G02732	Source of Paleo: OPERATOR	Borehole MD: 12495
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12495
API Well Number: 427114011600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 3300 - 12501	Water Depth: 211
Public Info Code: Y 05-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3300 / 3300	DEF AT first sample examined	POS AT 1
3680 / 3680	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4250 / 4250	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 1
5330 / 5329	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7860 / 7857	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
10380 / 10377	DEF AT faunal change (no faunal increase)	DEF AT 4
12501 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 302	Date of Summary: 23-APR-1975	First Sample Examined: 3000
Lease Number: G02732	Source of Paleo: OPERATOR	Borehole MD: 11118
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11118
API Well Number: 427114009000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 69
Paleo Report Num: 1 of 2	Sample Range: 3000 - 11118	Water Depth: 211
Public Info Code: Y 17-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT 2
3400 /	DEF AT -----	DEF AT 1
3700 /	DEF AT -----	DEF AT 2
3760 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4450 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
4900 /	DEF AT -----	DEF AT 1
5260 /	DEF AT -----	DEF AT 2
5350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7220 /	DEF AT -----	DEF AT 1
7250 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
7340 /	DEF AT -----	DEF AT 3
7520 /	DEF AT -----	DEF AT 2
8120 /	DEF AT -----	DEF AT 1
8600 /	DEF AT -----	DEF AT 2
10010 /	DEF AT -----	DEF AT 4
10100 /	DEF AT -----	DEF AT 4
10460 /	DEF AT -----	DEF AT 3
10610 /	DEF AT -----	DEF AT 2
10900 /	DEF AT -----	DEF AT 3
11118 /	DEF AT last sample examined	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 302	Date of Summary: 08-MAY-1984	First Sample Examined: 5410
Lease Number: G02732	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11118
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 11118
API Well Number: 427114009000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 69
Paleo Report Num: 2 of 2	Sample Range: 5410 - 11118	Water Depth: 211
Public Info Code: Y 17-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
5410 /	DEF AT first sample examined	DEF AT 2
5411 /	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
5470 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 2
5830 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
10190 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10219 /	DEF AT reworked material	DEF AT 5
10220 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11118 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 304	Date of Summary: 30-APR-1974	First Sample Examined: 950
Lease Number: G02407	Source of Paleo: OPERATOR	Borehole MD: 7696
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7696
API Well Number: 427114002300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 950 - 7700	Water Depth: 212
Public Info Code: Y 21-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
950 /	DEF AT first sample examined	DEF IN 3
1730 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4219 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7040 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 3
7610 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
7700 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 304	Date of Summary: 05-NOV-1974	First Sample Examined: 825
Lease Number: G02407	Source of Paleo: OPERATOR	Borehole MD: 6600
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6600
API Well Number: 427114005400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 825 - 6620	Water Depth: 205
Public Info Code: Y 21-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
825 /	DEF AT first sample examined	DEF IN 3
1490 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
3260 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
4220 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4940 /	DEF AT local marker benthic foram increase	DEF IN 3
5210 /	DEF AT pyrite	DEF IN 3
6320 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
6500 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6620 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 02-OCT-1974	First Sample Examined: 1015
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 8569
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8569
API Well Number: 427114007400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1015 - 8580	Water Depth: 212
Public Info Code: Y 23-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1015 /	DEF AT first sample examined	DEF IN 2
1100 /	DEF AT - - - - -	DEF AT 3
1790 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8300 /	DEF AT - - - - -	DEF AT 4
8580 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 09-DEC-1974	First Sample Examined: 860
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 6346
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6346
API Well Number: 427114008500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 860 - 6345	Water Depth: 206
Public Info Code: Y 04-JAN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
860 /	DEF AT first sample examined	DEF IN 2
1160 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6280 /	DEF AT - - - - -	DEF AT 4
6345 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 12-FEB-1975	First Sample Examined: 1000
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 10861
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10861
API Well Number: 427114009500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 1000 - 10685	Water Depth: 212
Public Info Code: Y 10-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1540 /	DEF AT - - - - -	DEF AT 3
1960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6250 /	DEF AT - - - - -	DEF AT 4
9080 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
9081 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10490 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10685 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 25-JUL-1984	First Sample Examined: 1000
Lease Number: G02735	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10861
Well Name: 003	Paleo Done By: MARK BLOEMKER	Borehole TVD: 10861
API Well Number: 427114009500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 1000 - 10685	Water Depth: 212
Public Info Code: Y 10-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 3
1001 /	DEF AT poor sample interval top	DEF IN 3
1060 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1300 /	DEF AT local marker benthic foram increase	DEF IN 1
1960 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
2020 /	DEF AT glauconite	DEF IN 1
2170 /	DEF AT local marker foram decrease	DEF AT 1
3190 /	POS AT local marker benthic foram increase	DEF IN 1
3250 /	DEF AT local marker benthic foram increase	DEF AT 2
3670 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
4390 /	DEF AT sample gap top	POS AT 2
5020 /	DEF AT sample gap bottom	DEF IN 1
6250 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6310 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
6430 /	DEF AT pyrite	DEF AT 3
6520 /	DEF AT oxidized shale	DEF AT 3
9050 /	POS AT local marker benthic foram increase	DEF AT 3
9080 /	DEF AT local marker foram decrease	DEF AT 3
9110 /	DEF AT Cyclammina sp. (local marker)	DEF IN 3
10010 /	DEF AT local marker benthic foram increase	DEF IN 3
10610 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
10640 /	DEF AT poor sample interval bottom	DEF IN 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 25-JUL-1984	First Sample Examined: 1000
Lease Number: G02735	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10861
Well Name: 003	Paleo Done By: MARK BLOEMKER	Borehole TVD: 10861
API Well Number: 427114009500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 1000 - 10685	Water Depth: 212
Public Info Code: Y 10-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10685 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 07-MAR-1975	First Sample Examined: 1000
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 7298
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7298
API Well Number: 427114010100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7300	Water Depth: 204
Public Info Code: Y 27-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 3
1090 /	POS AT local marker foram decrease	DEF AT 2
1270 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1990 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3700 /	DEF AT local marker foram decrease	DEF AT 2
3940 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4060 /	POS AT local marker planktic foram increase	DEF AT 2
4090 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4150 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4180 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5410 /	DEF AT - - - - -	DEF AT 4
6280 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
6700 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
6790 /	DEF AT local marker benthic foram increase	DEF IN 3
6820 /	DEF AT pyrite	DEF IN 3
6940 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7240 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
7300 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 16-APR-1975	First Sample Examined: 1000
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 9246
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6915
API Well Number: 427114010300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9340	Water Depth: 204
Public Info Code: Y 25-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1990 / 1963	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4390 / 3891	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9340 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 12-MAR-1975	First Sample Examined: 3210
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 7665
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6902
API Well Number: 427114010101	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3210 - 7650	Water Depth: 204
Public Info Code: Y 08-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3210 / 3210	DEF AT first sample examined	DEF AT 3
3211 / 3211	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3960 / 3949	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7650 / 6891	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 16-JUL-1976	First Sample Examined: 1030
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 11210
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7809
API Well Number: 427114014700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1030 - 11200	Water Depth: 210
Public Info Code: Y 13-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 / 1026	DEF AT first sample examined	DEF IN 3
1810 / 1742	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4930 / 3770	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8770 / 6241	DEF AT - - - - -	DEF AT 4
9970 / 7047	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11200 / 7804	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 08-OCT-1976	First Sample Examined: 1240
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 10912
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5970
API Well Number: 427114015500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1240 - 10720	Water Depth: 210
Public Info Code: Y 25-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 / 1092	DEF AT first sample examined	DEF IN 2
2140 / 1605	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
2650 / 1802	DEF AT - - - -	DEF AT 3
5020 / 2737	DEF AT sample gap top	POS AT 3
6339 / 3164	DEF AT sample gap bottom	DEF AT 3
6340 / 3165	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10720 / 5820	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 11-MAR-1977	First Sample Examined: 1069
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 10100
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7271
API Well Number: 427114015600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 1069 - 10100	Water Depth: 210
Public Info Code: Y 24-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1069 / 1065	DEF AT first sample examined	DEF IN 3
2240 / 1897	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5980 / 3878	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9800 /	DEF AT - - - - -	DEF AT 4
9919 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9920 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10100 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 13-DEC-1976	First Sample Examined: 3000
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 13884
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10077
API Well Number: 427114019200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 13890	Water Depth: 210
Public Info Code: Y 09-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2408	DEF AT first sample examined	DEF IN 3
5470 / 3992	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
12265 / 8716	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
12660 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
13890 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 18-APR-1977	First Sample Examined: 1830
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 11492
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7694
API Well Number: 427114023800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1830 - 11490	Water Depth: 210
Public Info Code: Y 11-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1830 / 1759	DEF AT first sample examined	DEF IN 3
1950 / 1849	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5430 / 3864	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
11490 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 23-JUN-1977	First Sample Examined: 1040
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 10646
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8014
API Well Number: 427114026500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1040 - 10640	Water Depth: 210
Public Info Code: Y 09-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1038	DEF AT first sample examined	DEF IN 3
1910 / 1908	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2780 / 2777	DEF AT sample gap top	POS IN 3
3840 / 3690	DEF AT sample gap bottom	DEF IN 3
5000 / 4392	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10549 / 7954	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10550 / 7955	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10640 / 8011	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 18-JUL-1977	First Sample Examined: 1870
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4668
API Well Number: 427114027400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1870 - 5770	Water Depth: 210
Public Info Code: Y 06-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1870 / 1608	DEF AT first sample examined	DEF IN 3
2260 / 1783	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5770 / 3256	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 18-JUL-1977	First Sample Examined: 5710
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4668
API Well Number: 427114027400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 5710 - 8260	Water Depth: 210
Public Info Code: Y 06-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5710 / 3232	DEF AT first sample examined	DEF IN 3
6400 / 3515	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8260 / 4501	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 10-AUG-1977	First Sample Examined: 1600
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 10779
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5971
API Well Number: 427114028300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1600 - 10750	Water Depth: 210
Public Info Code: Y 29-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1600 / 1577	DEF AT first sample examined	DEF IN 3
1990 / 1881	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6070 / 3842	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10390 / 5867	DEF AT - - - - -	DEF AT 4
10750 / 6056	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 309	Date of Summary: 25-AUG-1977	First Sample Examined: 1620
Lease Number: G02735	Source of Paleo: OPERATOR	Borehole MD: 3985
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3237
API Well Number: 427114029500	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1620 - 3990	Water Depth: 210
Public Info Code: Y 12-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1620 / 1485	DEF AT first sample examined	DEF IN 2
1860 / 1658	DEF AT - - - - -	DEF AT 3
2190 / 1898	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3990 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 313	Date of Summary: 14-AUG-1974	First Sample Examined: 1135
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 6099
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6099
API Well Number: 427114002900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1135 - 6090	Water Depth: 215
Public Info Code: Y 07-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1135 /	DEF AT first sample examined	DEF AT 3
1710 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1770 /	DEF AT glauconite	DEF AT 3
3630 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4109 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4230 /	DEF AT cement	POS AT 4
4469 /	DEF AT cement	DEF AT 4
4470 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5490 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
6090 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 313	Date of Summary: 05-SEP-1974	First Sample Examined: 4000
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 6066
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5891
API Well Number: 427114002901	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4000 - 6070	Water Depth: 215
Public Info Code: Y 11-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	POS AT 4
4001 /	DEF AT cement	POS AT 4
4180 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4420 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5499 /	DEF IN Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
5500 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6070 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 313	Date of Summary: 01-JUN-1976	First Sample Examined: 1380
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 4648
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4648
API Well Number: 427114015100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 1380 - 4620	Water Depth: 220
Public Info Code: Y 27-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1380 / 1380	DEF AT first sample examined	DEF AT
1381 / 1381	DEF AT cement	DEF AT
1560 / 1560	DEF AT glauconite	DEF AT
1710 / 1710	DEF AT - - - - -	DEF AT 2
2550 / 2550	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2790 / 2790	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3570 / 3569	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3660 / 3659	DEF AT - - - - -	DEF AT 2
4110 / 4109	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4470 / 4469	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4620 / 4619	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 313	Date of Summary: 06-OCT-1976	First Sample Examined: 1200
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 11851
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11851
API Well Number: 427114017900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 1200 - 11800	Water Depth: 212
Public Info Code: Y 28-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 / 1200	DEF AT first sample examined	DEF AT 2
1320 / 1320	DEF AT - - - - -	DEF AT 3
2040 / 2040	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4020 / 4020	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4770 / 4770	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4980 / 4980	DEF AT - - - - -	DEF AT 4
5250 / 5250	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7650 / 7650	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9870 / 9869	DEF AT - - - - -	DEF AT 5
10170 / 10169	POS AT - - - - -	POS AT 6
10810 / 10809	DEF AT - - - - -	DEF AT 6
11800 / 11799	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 313	Date of Summary: 08-OCT-1976	First Sample Examined: 1200
Lease Number: G02410	Source of Paleo: OPERATOR	Borehole MD: 11851
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11851
API Well Number: 427114017900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 2 of 2	Sample Range: 1200 - 11800	Water Depth: 212
Public Info Code: Y 28-OCT-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF AT 2
1440 / 1440	POS AT local marker benthic foram increase	DEF AT 3
1920 / 1920	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2040 / 2040	DEF AT glauconite	DEF AT 3
3030 / 3030	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3150 / 3150	DEF AT - - - - -	DEF AT 3
3600 / 3600	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
3720 / 3720	DEF AT - - - - -	DEF AT 3
4830 / 4830	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5490 / 5490	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5760 / 5760	DEF AT sample gap top	POS AT 5
5970 / 5970	DEF AT sample gap bottom	DEF AT 5
6330 / 6330	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
6720 / 6720	POS AT local marker benthic foram increase	DEF AT 5
7620 / 7620	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
7979 / 7979	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7980 / 7980	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8520 / 8520	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
9239 / 9238	DEF AT local white Arenaceous fauna	DEF AT 5
9240 / 9239	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5
10120 / 10119	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10210 / 10209	DEF AT Eggerella 3 (local marker)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

<p>Area Block: HI A 313 Lease Number: G02410 Well Name: 004 API Well Number: 427114017900 Paleo Report Num: 2 of 2 Public Info Code: Y 28-OCT-1986</p>	<p>Date of Summary: 08-OCT-1976 Source of Paleo: OPERATOR Paleo Done By: CROSBIE-MACOMBER Drilling Operator: MESA PETROLEUM CO Sample Range: 1200 - 11800 Ecozone Eq MMS:</p>	<p>First Sample Examined: 1200 Borehole MD: 11851 Borehole TVD: 11851 Rkb Elevation: 42 Water Depth: 212 Paleo ID: 002</p>
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<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10300 / 10299	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 5
11170 / 11169	DEF AT sample gap top	POS AT 5
11530 / 11529	DEF AT sample gap bottom	DEF AT 5
11770 / 11769	DEF AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 5
11800 / 11799	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 314	Date of Summary: 20-MAY-1975	First Sample Examined: 305
Lease Number: G02411	Source of Paleo: OPERATOR	Borehole MD: 4489
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4489
API Well Number: 427114010700	Drilling Operator: OXY USA INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 305 - 4490	Water Depth: 222
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
305 / 305	DEF AT first sample examined	DEF AT 3
500 / 500	DEF AT faunal change (no faunal increase)	DEF AT 2
1280 / 1280	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1520 / 1520	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1640 / 1640	DEF AT glauconite	DEF AT 3
1760 / 1760	DEF AT faunal change (no faunal increase)	DEF AT 2
2810 / 2810	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2959 / 2959	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2960 / 2960	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3140 / 3140	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3320 / 3320	DEF AT faunal change (no faunal increase)	DEF AT 2
3740 / 3740	DEF AT faunal change (no faunal increase)	DEF AT 3
3860 / 3860	DEF AT faunal change (no faunal increase)	DEF AT 2
4340 / 4340	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4490 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 317	Date of Summary: 01-JUL-1974	First Sample Examined: 520
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8500
API Well Number: 427114005200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 520 - 8500	Water Depth: 215
Public Info Code: Y 26-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
520 /	DEF AT first sample examined	DEF IN 2
1110 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2070 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3770 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4280 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7200 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 317	Date of Summary: 03-MAY-1976	First Sample Examined: 1000
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 8736
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8734
API Well Number: 427114014100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8710	Water Depth: 215
Public Info Code: Y 29-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	POS AT 3
1001 / 1001	DEF AT cement	POS AT 3
1120 / 1120	DEF AT - - - -	DEF AT 3
2080 / 2080	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4030 / 4030	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4510 / 4510	DEF AT sample gap top	POS AT 3
4599 / 4599	DEF AT sample gap bottom	DEF AT 3
4600 / 4600	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8590 / 8588	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8710 / 8708	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 317	Date of Summary: 19-MAY-1976	First Sample Examined: 1000
Lease Number: G02412	Source of Paleo: OPERATOR	Borehole MD: 9863
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9860
API Well Number: 427114014500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9850	Water Depth: 215
Public Info Code: Y 14-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 3
1001 / 1001	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2200 / 2200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4300 / 4300	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5170 / 5170	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8980 / 8978	DEF AT - - - - -	DEF AT 4
9340 / 9337	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9850 / 9847	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 323	Date of Summary: 25-JUN-1974	First Sample Examined: 520
Lease Number: G02414	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6745
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6745
API Well Number: 427114002100	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 520 - 6745	Water Depth: 226
Public Info Code: Y 07-MAR-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
520 / 520	DEF AT first sample examined	DEF AT 1
1060 / 1060	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1900 / 1900	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2260 / 2260	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2440 / 2440	DEF AT sand	DEF AT 1
2560 / 2560	DEF AT pyrite	DEF AT 1
2740 / 2740	POS AT local marker benthic foram increase	DEF AT 2
3190 / 3190	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3760 / 3760	DEF AT local marker foram decrease	DEF AT 2
3910 / 3910	DEF AT local marker foram decrease	DEF AT 1
4420 / 4420	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4630 / 4630	DEF AT faunal change (no faunal increase)	DEF AT 2
5050 / 5050	DEF AT local marker benthic foram increase	DEF AT 2
5140 / 5140	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5290 / 5290	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6745 / 6745	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 323	Date of Summary: 27-MAY-1974	First Sample Examined: 885
Lease Number: G02414	Source of Paleo: OPERATOR	Borehole MD: 8840
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8840
API Well Number: 427114005900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 885 - 8830	Water Depth: 223
Public Info Code: Y 21-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
885 /	DEF AT first sample examined	DEF IN 2
1020 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2280 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4060 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4509 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
4510 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6160 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7930 /	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
8530 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8590 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
8710 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8770 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8830 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 324	Date of Summary: 22-APR-1974	First Sample Examined: 519
Lease Number: G02415	Source of Paleo: OPERATOR	Borehole MD: 6750
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6750
API Well Number: 427114004400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 519 - 6740	Water Depth: 226
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
519 /	DEF AT first sample examined	DEF AT 2
1100 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1190 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1790 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3380 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4190 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4220 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5210 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5390 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6560 /	DEF AT poor sample interval top	DEF AT
6739 /	DEF AT poor sample interval bottom	DEF AT
6740 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 324	Date of Summary: 26-JUN-1974	First Sample Examined: 520
Lease Number: G02415	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 427114005100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 520 - 6500	Water Depth: 230
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
520 /	DEF AT first sample examined	DEF AT 2
880 /	DEF AT pyrite	DEF AT 2
1030 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1720 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1870 /	DEF AT limestone	DEF AT 3
2260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2290 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2500 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2800 /	DEF AT pyrite	DEF AT 1
3590 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3650 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4190 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4790 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5420 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 2
5450 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5780 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5810 /	DEF AT local marker benthic foram increase	DEF AT 2
5989 /	DEF AT local marker planktic foram increase	DEF AT 2
5990 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
6020 /	DEF AT poor sample interval top	DEF AT 2
6499 /	DEF AT poor sample interval bottom	DEF AT 2
6500 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 324	Date of Summary: 04-JAN-1978	First Sample Examined: 447
Lease Number: G02415	Source of Paleo: OPERATOR	Borehole MD: 10675
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10675
API Well Number: 427114006100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 447 - 10620	Water Depth: 226
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
447 / 447	DEF AT first sample examined	DEF AT 2
448 / 448	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
510 / 510	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1780 / 1780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1781 / 1781	DEF AT reefal material	DEF AT 2
2200 / 2200	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2440 / 2440	DEF AT faunal change (no faunal increase)	DEF AT 1
3620 /	DEF AT cement	POS AT 1
4220 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4670 /	DEF AT shell fragments	DEF AT 2
4671 /	DEF AT reefal material	DEF AT 2
5030 /	DEF AT limestone	DEF AT 2
5360 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5870 /	DEF AT reefal material	DEF AT 2
5900 /	DEF AT sample gap top	DEF AT
5929 /	DEF AT sample gap bottom	DEF AT
5930 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6680 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7080 /	DEF AT cement	POS AT 1
7230 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7680 /	DEF AT pyrite	DEF AT 2
8640 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 324	Date of Summary: 04-JAN-1978	First Sample Examined: 447
Lease Number: G02415	Source of Paleo: OPERATOR	Borehole MD: 10675
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10675
API Well Number: 427114006100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 447 - 10620	Water Depth: 226
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	DEF AT pyrite	DEF AT 2
9180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9360 /	POS AT Cyclammina sp. (local marker)	DEF AT 3
9720 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
10590 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 325	Date of Summary: 19-APR-1974	First Sample Examined: 850
Lease Number: G02416	Source of Paleo: OPERATOR	Borehole MD: 7583
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7583
API Well Number: 427114003800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 850 - 7520	Water Depth: 215
Public Info Code: Y 14-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 /	DEF AT first sample examined	DEF IN 2
1450 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1750 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3260 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5480 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7520 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 326	Date of Summary: 15-MAR-1975	First Sample Examined: 1000
Lease Number: G02417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9588
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9588
API Well Number: 427114008900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9570	Water Depth: 220
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 3
1720 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2940 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3210 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4320 /	DEF AT - - - - -	DEF AT 4
5320 /	DEF AT - - - - -	DEF AT 5
5470 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9570 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 05-NOV-1973	First Sample Examined: 1155
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 6830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6829
API Well Number: 427114000700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1155 - 6820	Water Depth: 225
Public Info Code: Y 01-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1155 / 1155	DEF AT first sample examined	DEF IN 2
1320 / 1320	DEF AT - - - - -	DEF AT 3
1710 / 1710	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1740 / 1740	DEF AT - - - - -	DEF AT 2
3180 / 3180	DEF AT - - - - -	DEF AT 3
3300 / 3300	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3840 / 3840	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5560 / 5560	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5620 / 5620	DEF AT - - - - -	DEF AT 5
5680 / 5680	DEF AT - - - - -	DEF AT 6
5710 / 5710	POS AT Miocene	DEF AT 6
6820 / 6819	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 01-FEB-1974	First Sample Examined: 1140
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 8258
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8258
API Well Number: 427114003000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1140 - 8230	Water Depth: 226
Public Info Code: Y 28-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1140 / 1140	DEF AT first sample examined	DEF IN 2
1500 / 1500	DEF AT - - - - -	DEF AT 3
1860 / 1860	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1980 / 1980	DEF AT - - - - -	DEF AT 2
3400 / 3400	DEF AT - - - - -	DEF AT 3
3520 / 3520	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4120 / 4120	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6550 / 6550	DEF AT cement	POS AT 3
6700 / 6700	DEF AT - - - - -	DEF AT 5
6760 / 6760	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
6820 / 6820	DEF AT - - - - -	DEF AT 6
7300 / 7299	POS IN Miocene	DEF AT 6
8230 / 8229	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 02-MAR-1976	First Sample Examined: 500
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 8755
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8755
API Well Number: 427114007000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 500 - 7340	Water Depth: 220
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT first sample examined	DEF IN 1
1070 / 1070	DEF AT - - - - -	DEF AT 2
2190 / 2190	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3740 / 3738	DEF AT - - - - -	DEF AT 3
4430 / 4425	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5990 / 5985	DEF AT - - - - -	DEF AT 4
7100 / 7095	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7340 / 7334	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 02-MAR-1976	First Sample Examined: 3400
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 8755
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8755
API Well Number: 427114007000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 3400 - 8750	Water Depth: 220
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
3400 / 3400	DEF AT first sample examined	DEF AT 3
4420 / 4415	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6040 / 6035	DEF AT - - - - -	DEF AT 4
7180 / 7175	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8510 / 8499	DEF AT - - - - -	DEF AT 5
8570 / 8559	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
8750 / 8737	DEF AT last sample examined	DEF IN 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 07-MAY-1976	First Sample Examined: 1100
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 5388
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5388
API Well Number: 427114014600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1100 - 5380	Water Depth: 222
Public Info Code: Y 04-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 / 1100	DEF AT first sample examined	DEF IN 2
1380 / 1380	DEF AT - - - - -	DEF AT 3
1780 / 1780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3380 / 3380	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3860 / 3859	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5260 / 5259	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5300 / 5299	DEF AT - - - - -	DEF AT 5
5340 / 5339	DEF AT - - - - -	DEF AT 6
5380 / 5379	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 07-JUL-1976	First Sample Examined: 1000
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 8564
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 4759
API Well Number: 427114015800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8530	Water Depth: 222
Public Info Code: Y 07-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1330 / 1330	DEF AT - - - - -	DEF AT 3
1870 / 1846	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4900 / 3288	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5830 / 3674	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5950 / 3726	DEF AT - - - - -	DEF AT 3
7360 / 4270	DEF AT - - - - -	DEF AT 4
7510 / 4326	DEF AT - - - - -	DEF AT 5
7840 / 4444	POS IN Miocene	DEF AT 6
8050 / 4520	DEF AT calcite	POS AT 6
8530 / 4741	DEF AT last sample examined	POS AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 19-OCT-1976	First Sample Examined: 3711
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 7865
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5339
API Well Number: 427114017400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3711 - 7865	Water Depth: 222
Public Info Code: Y 14-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3711 / 2714	DEF AT first sample examined	DEF IN 3
3712 / 2715	DEF AT poor sample interval top	DEF AT 3
4871 / 3393	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7510 / 5096	DEF AT - - - - -	DEF AT 4
7864 / 5337	DEF AT poor sample interval bottom	DEF AT 4
7865 / 5337	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 24-SEP-1976	First Sample Examined: 1510
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 4818
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 2567
API Well Number: 427114018900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1510 - 4740	Water Depth: 222
Public Info Code: Y 19-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1510 / 1371	DEF AT first sample examined	DEF IN 3
2670 / 1891	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4740 / 2534	DEF AT last sample examined	DEF IN 3

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End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 20-AUG-1976	First Sample Examined: 2590
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 5740
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 4997
API Well Number: 427114017200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2590 - 5720	Water Depth: 222
Public Info Code: Y 15-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2590 / 2499	DEF AT first sample examined	DEF IN 3
4240 / 3845	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5720 / 4969	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 04-NOV-1976	First Sample Examined: 2110
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 5031
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 4656
API Well Number: 427114020100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2110 - 5020	Water Depth: 222
Public Info Code: Y 29-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2110 / 2107	DEF AT first sample examined	DEF IN 3
2290 / 2284	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4010 / 3824	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5020 / 4667	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 07-JAN-1977	First Sample Examined: 2330
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 6444
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 4860
API Well Number: 427114022000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2330 - 6420	Water Depth: 222
Public Info Code: Y 24-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 / 2072	DEF AT first sample examined	DEF AT 3
2331 / 2073	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4800 / 3719	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6420 / 4843	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 25-FEB-1977	First Sample Examined: 3070
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 10478
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 5876
API Well Number: 427114022700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3070 - 10460	Water Depth: 222
Public Info Code: Y 14-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3070 / 2104	DEF AT first sample examined	DEF AT 3
3071 / 2104	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6930 / 3964	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9900 / 5614	DEF AT - - - - -	DEF AT 4
10460 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 22-MAR-1977	First Sample Examined: 2150
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 5155
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 4454
API Well Number: 427114023200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2150 - 5150	Water Depth: 222
Public Info Code: Y 30-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2150 / 2067	DEF AT first sample examined	DEF IN 3
3650 / 3247	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4280 / 3744	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4310 / 3768	DEF AT sample gap top	POS IN 3
5100 /	DEF AT sample gap bottom	DEF IN 3
5150 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 25-MAR-1977	First Sample Examined: 2500
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 6472
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 5458
API Well Number: 427114023700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2500 - 6470	Water Depth: 222
Public Info Code: Y 14-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2406	DEF AT first sample examined	DEF AT 3
2501 / 2407	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4470 / 3913	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6470 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 03-MAY-1977	First Sample Examined: 3970
Lease Number: G02418	Source of Paleo: OPERATOR	Borehole MD: 9560
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 4258
API Well Number: 427114024900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3970 - 9560	Water Depth: 222
Public Info Code: Y 27-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 2037	DEF AT first sample examined	DEF IN 3
7880 / 3219	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
8600 / 3592	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9560 / 4258	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 20-FEB-1974	First Sample Examined: 2660
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 5755
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5208
API Well Number: 427114003001	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2660 - 5755	Water Depth: 226
Public Info Code: Y 14-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2660 / 2610	DEF AT first sample examined	DEF AT
2661 / 2611	DEF AT cement	DEF AT
2780 / 2723	DEF AT - - - - -	DEF AT 2
3500 / 3386	DEF AT - - - - -	DEF AT 3
4190 / 3996	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5610 / 5156	DEF AT - - - - -	POS AT 5
5755 / 5270	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 14-JUN-1976	First Sample Examined: 1050
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 9100
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5219
API Well Number: 427114015000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1050 - 9090	Water Depth: 222
Public Info Code: Y 08-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1001	DEF AT first sample examined	DEF IN 2
1710 / 1386	DEF AT - - - - -	DEF IN 3
2640 / 1862	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7270 / 4263	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9090 / 5215	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 28-JUL-1976	First Sample Examined: 1000
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 7543
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5122
API Well Number: 427114016600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7540	Water Depth: 222
Public Info Code: Y 02-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1930 / 1894	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4630 / 3543	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5380 / 3956	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7540 / 5120	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 13-SEP-1976	First Sample Examined: 4050
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 8490
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4356
API Well Number: 427114018100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 4050 - 8490	Water Depth: 222
Public Info Code: Y 01-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4050 / 2517	DEF AT first sample examined	DEF IN 3
7670 / 3990	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8490 / 4356	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 24-NOV-1976	First Sample Examined: 2530
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 6753
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 4408
API Well Number: 427114018300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2530 - 6760	Water Depth: 222
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2530 / 1938	DEF AT first sample examined	DEF IN 3
2740 / 2058	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5740 / 3786	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5770 / 3804	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6760 /	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 21-DEC-1976	First Sample Examined: 2305
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 7555
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 4979
API Well Number: 427114020700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2305 - 7620	Water Depth: 222
Public Info Code: Y 23-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2305 / 1897	DEF AT first sample examined	DEF IN 3
5510 / 3773	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6080 / 4095	DEF AT sample gap top	POS IN 3
7009 / 4637	DEF AT sample gap bottom	DEF IN 3
7010 / 4637	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7620 /	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 327	Date of Summary: 17-JAN-1977	First Sample Examined: 2180
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 4666
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 4098
API Well Number: 427114022200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2180 - 4640	Water Depth: 222
Public Info Code: Y 05-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2180 / 2060	DEF AT first sample examined	DEF IN 3
3860 / 3431	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4430 / 3905	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4640 / 4077	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 328	Date of Summary: 15-JAN-1979	First Sample Examined: 0
Lease Number: G02419	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6491
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6491
API Well Number: 427114035800	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 214
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5600 /	DEF AT local marker benthic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 329	Date of Summary: 29-JAN-1975	First Sample Examined: 1108
Lease Number: G02420	Source of Paleo: OPERATOR	Borehole MD: 7514
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7512
API Well Number: 427114009200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1108 - 7514	Water Depth: 220
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1108 / 1108	DEF AT first sample examined	DEF IN 2
1460 / 1460	DEF AT - - - - -	DEF AT 3
1760 / 1760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2240 / 2240	DEF AT - - - - -	DEF AT 2
3190 / 3190	DEF AT - - - - -	DEF AT 3
3700 / 3700	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5560 / 5560	DEF AT - - - - -	DEF AT 4
5870 / 5870	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6489 / 6488	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 4
6490 / 6489	DEF AT Arenaceous fauna (local marker)	DEF AT 4
6550 / 6549	DEF AT - - - - -	DEF AT 5
7120 / 7119	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7514 / 7512	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 15-JUL-1974	First Sample Examined: 489
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 6678
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6678
API Well Number: 427114006900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 489 - 6680	Water Depth: 240
Public Info Code: Y 09-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
489 /	DEF AT first sample examined	DEF IN 2
1040 /	DEF AT - - - - -	DEF AT 3
1160 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1850 /	DEF AT local marker planktic foram increase	DEF AT 3
2300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3470 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3829 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3830 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3890 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4039 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
4040 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4220 /	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 5
5120 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5420 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5510 /	DEF AT local marker foram increase	DEF AT 5
5659 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 5
5660 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
5930 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 5
6009 /	DEF AT gouge	DEF AT 6
6080 /	DEF AT foram flood	DEF IN 5
6110 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
6500 /	DEF AT foram flood	DEF AT 6

This report contains public paleo reports only for the time period stated

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 15-JUL-1974	First Sample Examined: 489
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 6678
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6678
API Well Number: 427114006900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 489 - 6680	Water Depth: 240
Public Info Code: Y 09-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6680 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 20-MAR-1975	First Sample Examined: 935
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8950
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7026
API Well Number: 427114009900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 935 - 8940	Water Depth: 243
Public Info Code: Y 04-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
935 / 935	DEF AT first sample examined	DEF IN 3
936 / 936	DEF AT cement	DEF IN 3
1090 / 1090	DEF AT local marker foram increase	DEF IN 3
1360 / 1358	DEF AT local marker foram increase	DEF IN 3
1900 / 1881	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
2350 / 2302	DEF AT local marker foram decrease	DEF IN 3
2440 / 2382	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2650 / 2563	DEF AT local marker benthic foram increase	DEF IN 3
8280 / 6531	DEF AT local marker deep water fauna	POS AT 4
8940 / 7019	DEF AT last sample examined	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 25-MAR-1975	First Sample Examined: 1480
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8950
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7026
API Well Number: 427114009900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 1480 - 8950	Water Depth: 243
Public Info Code: Y 04-APR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 / 1476	DEF AT first sample examined	DEF IN 2
1810 / 1795	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2170 / 2137	DEF AT sample gap top	POS AT 3
3330 / 3085	DEF AT sample gap bottom	DEF AT 3
3420 / 3149	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7830 / 6208	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8400 / 6619	DEF AT poor sample interval top	DEF AT
8909 / 6996	DEF AT poor sample interval bottom	DEF AT
8950 / 7026	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 26-MAR-1975	First Sample Examined: 2975
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 5204
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5204
API Well Number: 427114010400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 2975 - 5250	Water Depth: 230
Public Info Code: Y 18-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2975 /	DEF AT first sample examined	POS AT 3
2976 /	DEF AT cement	POS AT 3
2999 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
3000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3960 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4320 /	DEF AT local marker foram decrease	DEF IN 3
4380 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4860 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5130 /	DEF AT local marker foram increase	DEF AT 4
5250 /	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 26-MAR-1975	First Sample Examined: 2975
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 5204
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5204
API Well Number: 427114010400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 2975 - 5250	Water Depth: 230
Public Info Code: Y 18-APR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2975 /	DEF AT first sample examined	POS AT 4
2976 /	DEF AT cement	POS AT 4
3000 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4050 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4860 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5129 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5130 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
5250 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 05-FEB-1976	First Sample Examined: 3130
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8097
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7454
API Well Number: 427114013000	Drilling Operator: AMINOIL DEVELOPMENT INCORPORA	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3130 - 8080	Water Depth: 260
Public Info Code: Y 21-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3130 / 2888	DEF AT first sample examined	POS IN 3
3131 / 2888	DEF IN cement	POS IN 3
3220 / 2953	DEF AT - - - -	DEF IN 3
3550 / 3190	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4540 / 3955	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
7510 / 6869	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7600 / 6959	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8020 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
8080 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 21-JUN-1976	First Sample Examined: 4150
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 9729
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7984
API Well Number: 427114014400	Drilling Operator: AMINOIL DEVELOPMENT INCORPORA	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 4150 - 9729	Water Depth: 260
Public Info Code: Y 19-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4150 / 2793	DEF AT first sample examined	DEF AT 3
4151 / 2793	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5660 / 3956	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6080 / 4358	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6500 / 4771	DEF AT local marker benthic foram increase	DEF AT 3
8519 / 6788	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8520 / 6789	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
8760 / 7028	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
8909 / 7176	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
8910 / 7177	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 6
9029 / 7294	DEF AT Bathysiphon fauna	DEF AT 6
9030 / 7295	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 6
9229 / 7492	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
9729 / 7984	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 08-OCT-1976	First Sample Examined: 3200
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8688
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8500
API Well Number: 427114017700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3200 - 8688	Water Depth: 260
Public Info Code: Y 27-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3027	DEF AT first sample examined	DEF IN 3
3380 / 3203	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7279 / 7094	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
7961 / 7775	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8688 / 8502	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 27-OCT-1976	First Sample Examined: 4020
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8990
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8558
API Well Number: 427114019300	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4020 - 9004	Water Depth: 260
Public Info Code: Y 16-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3903	DEF AT first sample examined	DEF AT 3
4021 / 3904	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6840 / 6533	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9004 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 01-FEB-1977	First Sample Examined: 4000
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8751
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7757
API Well Number: 427114020900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8750	Water Depth: 260
Public Info Code: Y 25-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3102	DEF AT first sample examined	DEF IN 3
4001 / 3102	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7720 / 6727	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8102 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8373 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8750 /	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 09-MAR-1977	First Sample Examined: 4750
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8380
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5547
API Well Number: 427114021800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4750 - 8380	Water Depth: 260
Public Info Code: Y 02-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 3033	DEF AT first sample examined	DEF IN 3
4751 / 3033	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8380 / 5547	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 28-MAR-1977	First Sample Examined: 3290
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 9300
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8559
API Well Number: 427114024400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3290 - 9340	Water Depth: 260
Public Info Code: Y 21-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3290 / 3014	DEF AT first sample examined	DEF IN 3
3291 / 3015	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7620 / 6880	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9340 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 29-APR-1977	First Sample Examined: 5510
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 9294
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8482
API Well Number: 427114024600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 5510 - 9294	Water Depth: 260
Public Info Code: Y 24-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 4940	DEF AT first sample examined	DEF AT 3
5511 / 4941	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7760 / 7036	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9294 / 8484	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 19-OCT-1977	First Sample Examined: 3500
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 8755
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8499
API Well Number: 427114028801	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3500 - 8750	Water Depth: 260
Public Info Code: Y 17-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3305	DEF AT first sample examined	DEF AT 3
3501 / 3306	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7730 / 7468	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8570 / 8306	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8750 / 8485	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 29-NOV-1977	First Sample Examined: 2434
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 6442
Well Name: A021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5948
API Well Number: 427114031200	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 2434 - 6454	Water Depth: 260
Public Info Code: Y 18-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2434 / 2310	DEF AT first sample examined	DEF IN 3
2554 / 2407	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6454 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 17-NOV-1977	First Sample Examined: 3195
Lease Number: G02421	Source of Paleo: OPERATOR	Borehole MD: 7440
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6507
API Well Number: 427114031100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3195 - 7455	Water Depth: 260
Public Info Code: Y 03-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3195 / 2556	DEF AT first sample examined	DEF IN 2
3405 / 2693	DEF AT faunal change (no faunal increase)	DEF AT 3
4095 / 3224	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7455 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 05-JAN-1976	First Sample Examined: 4770
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 14062
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10520
API Well Number: 427114012300	Drilling Operator: AMINOIL DEVELOPMENT INCORPORA	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4770 - 14040	Water Depth: 260
Public Info Code: Y 18-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 3929	DEF AT first sample examined	DEF AT 2
4771 / 3930	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4950 / 4050	DEF AT faunal change (no faunal increase)	DEF AT 3
11380 / 8239	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
13080 / 9639	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
13290 / 9824	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
14040 / 10500	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 17-MAY-1976	First Sample Examined: 2839
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 10188
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9085
API Well Number: 427114013700	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 2839 - 10110	Water Depth: 260
Public Info Code: Y 06-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2839 / 2694	DEF AT first sample examined	DEF AT 3
2840 / 2695	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8769 / 7724	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 4
10059 / 8960	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	POS AT 4
10110 / 9009	DEF AT last sample examined	POS AT 4

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End Date: 31-DEC-1987

Area Block: HI A 330	Date of Summary: 17-NOV-1976	First Sample Examined: 3500
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 10700
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8587
API Well Number: 427114019600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3500 - 11775	Water Depth: 260
Public Info Code: Y 06-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3147	DEF AT first sample examined	DEF AT 2
3830 / 3391	DEF AT faunal change (no faunal increase)	DEF AT 3
9170 / 7473	DEF AT faunal change (no faunal increase)	DEF AT 4
9620 / 7800	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
11775 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 04-AUG-1980	First Sample Examined: 3480
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 8997
API Well Number: 427114048300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3480 - 9000	Water Depth: 244
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3479	DEF AT first sample examined	DEF AT 1
3510 / 3509	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4620 / 4619	DEF AT cement	POS AT 1
4680 / 4679	DEF AT - - - - -	DEF AT 1
5790 / 5789	DEF AT unconformity	DEF AT 3
5820 / 5819	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5910 / 5909	DEF AT - - - - -	DEF AT 2
5970 / 5969	DEF AT - - - - -	DEF AT 1
6090 / 6089	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6270 / 6269	DEF AT poor sample interval top	DEF AT 1
6330 / 6329	DEF AT - - - - -	DEF AT 1
6450 / 6449	DEF AT - - - - -	DEF AT 2
6540 / 6539	DEF AT - - - - -	POS AT 2
6870 / 6869	DEF AT - - - - -	POS AT 2
6990 / 6989	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7110 / 7109	DEF AT - - - - -	POS AT 1
7230 / 7229	DEF AT - - - - -	DEF AT 2
7620 / 7619	DEF AT - - - - -	DEF AT 1
7740 / 7739	DEF AT - - - - -	DEF AT 2
8070 / 8068	DEF AT - - - - -	DEF AT 1
8190 / 8188	DEF AT - - - - -	DEF AT 2
8250 / 8248	DEF AT - - - - -	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 04-AUG-1980	First Sample Examined: 3480
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 8997
API Well Number: 427114048300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3480 - 9000	Water Depth: 244
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8370 / 8368	DEF AT -----	DEF AT 2
8400 / 8398	DEF AT -----	DEF AT 1
8670 / 8667	DEF AT -----	DEF AT 2
8909 / 8906	DEF AT poor sample interval bottom	DEF AT 1
8910 / 8907	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 15-NOV-1980	First Sample Examined: 3000
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 11045
Well Name: 002	Paleo Done By: BILL BOULDEN	Borehole TVD: 10999
API Well Number: 427114049700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11045	Water Depth: 241
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT 1
3060 / 3060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3600 / 3600	DEF AT faunal change (no faunal increase)	DEF AT 2
3720 / 3720	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3780 / 3780	DEF AT - - - - -	DEF AT 3
3840 / 3840	DEF AT faunal change (no faunal increase)	DEF AT 2
3870 / 3870	DEF AT faunal change (no faunal increase)	DEF AT 1
5130 / 5130	POS AT unconformity	DEF AT 2
5280 / 5280	DEF AT faunal change (no faunal increase)	DEF AT 1
5400 / 5399	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
5490 / 5489	DEF AT faunal change (no faunal increase)	POS AT 1
5550 / 5549	POS AT unconformity	DEF AT 3
5610 / 5609	DEF AT cement	POS AT 3
5640 / 5639	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5670 / 5669	DEF AT faunal change (no faunal increase)	DEF AT 2
5760 / 5759	DEF AT faunal change (no faunal increase)	DEF AT 3
5880 / 5879	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5970 / 5969	DEF AT faunal change (no faunal increase)	DEF AT 2
6120 / 6119	POS AT unconformity	DEF AT 3
6180 / 6179	DEF AT faunal change (no faunal increase)	DEF AT 2
6570 / 6569	DEF AT faunal change (no faunal increase)	DEF AT 1
6810 / 6809	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 15-NOV-1980	First Sample Examined: 3000
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 11045
Well Name: 002	Paleo Done By: BILL BOULDEN	Borehole TVD: 10999
API Well Number: 427114049700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11045	Water Depth: 241
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6960 / 6959	POS AT unconformity	DEF AT 3
7100 / 7099	DEF AT faunal change (no faunal increase)	DEF AT 3
7260 / 7258	DEF AT faunal change (no faunal increase)	DEF AT 2
7500 / 7498	DEF AT cement	POS AT 2
7620 / 7618	DEF AT faunal change (no faunal increase)	POS AT 1
7710 / 7708	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
7740 / 7738	DEF AT faunal change (no faunal increase)	POS AT 3
7770 / 7768	DEF AT local marker (general)	POS AT 1
8220 / 8216	DEF AT faunal change (no faunal increase)	DEF AT 3
8250 / 8246	DEF AT faunal change (no faunal increase)	DEF AT 4
8310 / 8306	DEF AT local marker (general)	DEF AT 4
8550 / 8545	DEF AT faunal change (no faunal increase)	DEF AT 3
8730 / 8724	DEF AT faunal change (no faunal increase)	DEF AT 4
8880 / 8872	DEF AT faunal change (no faunal increase)	DEF AT 3
8940 / 8930	DEF AT faunal change (no faunal increase)	DEF AT 2
9000 / 8988	DEF AT faunal change (no faunal increase)	DEF AT 1
9030 / 9017	DEF AT faunal change (no faunal increase)	POS AT 1
9090 / 9075	DEF AT faunal change (no faunal increase)	DEF AT 1
9570 / 9539	DEF AT faunal change (no faunal increase)	POS AT 2
9630 / 9598	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
9660 / 9627	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9810 / 9775	DEF AT faunal change (no faunal increase)	POS AT 3
9870 / 9834	DEF AT faunal change (no faunal increase)	POS AT 2
9900 / 9864	POS AT unconformity	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 15-NOV-1980	First Sample Examined: 3000
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 11045
Well Name: 002	Paleo Done By: BILL BOULDEN	Borehole TVD: 10999
API Well Number: 427114049700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11045	Water Depth: 241
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10020 / 9982	DEF AT faunal change (no faunal increase)	POS AT 2
10080 / 10041	DEF AT faunal change (no faunal increase)	POS AT 1
10170 / 10130	POS AT gouge	POS AT 3
10230 / 10189	DEF AT faunal change (no faunal increase)	POS AT 2
10290 / 10249	DEF AT faunal change (no faunal increase)	POS AT 1
10380 / 10337	DEF AT faunal change (no faunal increase)	POS AT 2
10410 / 10367	DEF AT faunal change (no faunal increase)	POS AT 1
10590 / 10544	POS AT unconformity	DEF AT 4
10650 / 10603	DEF AT faunal change (no faunal increase)	DEF AT 5
11010 / 10956	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11045 / 10991	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 18-MAY-1981	First Sample Examined: 2970
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 4624
Well Name: 003	Paleo Done By: BILL BOULDEN	Borehole TVD: 4624
API Well Number: 427114049900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 2970 - 4624	Water Depth: 260
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2970 / 2970	DEF AT first sample examined	POS AT 1
2971 / 2971	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 1
3030 / 3030	DEF AT -----	DEF AT 1
3420 / 3420	DEF AT -----	POS AT 2
3435 / 3435	DEF AT -----	DEF AT 0
3480 / 3480	DEF AT -----	POS AT 1
3510 / 3510	DEF AT -----	DEF AT 0
3540 / 3540	DEF AT -----	POS AT 1
3600 / 3600	DEF AT -----	DEF AT 1
3840 / 3840	DEF AT -----	POS AT 1
3870 / 3870	DEF AT -----	DEF AT 1
4290 / 4290	POS AT unconformity	DEF AT 1
4470 / 4470	DEF AT -----	POS AT 1
4530 / 4530	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 02-MAR-1981	First Sample Examined: 2500
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 7392
Well Name: 004	Paleo Done By: BILL BOULDEN	Borehole TVD: 6571
API Well Number: 427114051000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7390	Water Depth: 246
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2498	DEF AT first sample examined	DEF AT 1
2501 / 2499	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2590 / 2587	DEF AT - - - - -	POS AT 1
2710 / 2705	POS AT unconformity	DEF AT 1
3070 / 3050	DEF AT - - - - -	POS AT 1
3400 / 3349	DEF AT sample gap top	DEF AT
3669 / 3575	DEF AT sample gap bottom	DEF AT
3670 / 3576	DEF AT - - - - -	DEF AT 1
3880 / 3744	POS AT unconformity	DEF AT 1
4210 / 4004	DEF AT cement	DEF AT
4300 / 4074	DEF AT - - - - -	DEF AT 2
4450 / 4192	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 2
4451 / 4193	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
4480 / 4216	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4540 / 4263	DEF AT - - - - -	DEF AT 4
4840 / 4501	DEF AT - - - - -	DEF AT 3
5320 / 4886	DEF AT - - - - -	DEF AT 2
5410 / 4959	DEF AT - - - - -	DEF AT 1
6130 / 5538	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
6250 / 5632	DEF AT - - - - -	DEF AT 2
6550 / 5870	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2
6610 / 5918	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 331	Date of Summary: 02-MAR-1981	First Sample Examined: 2500
Lease Number: G03250	Source of Paleo: OPERATOR	Borehole MD: 7392
Well Name: 004	Paleo Done By: BILL BOULDEN	Borehole TVD: 6571
API Well Number: 427114051000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7390	Water Depth: 246
Public Info Code: Y 16-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7060 / 6287	DEF AT -----	DEF AT 1
7210 / 6412	DEF AT -----	DEF AT 2
7270 / 6463	DEF AT -----	DEF AT 1
7390 / 6565	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 332	Date of Summary: 04-JUN-1974	First Sample Examined: 1230
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 7085
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7084
API Well Number: 427114005800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1230 - 7085	Water Depth: 240
Public Info Code: Y 02-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 / 1230	DEF AT first sample examined	DEF IN 2
1530 / 1530	DEF AT - - - - -	DEF AT 3
1960 / 1960	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1990 / 1990	DEF AT - - - - -	DEF AT 2
3580 / 3580	DEF AT - - - - -	DEF AT 3
3670 / 3670	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4060 / 4060	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5380 / 5380	DEF AT - - - - -	DEF AT 4
5890 / 5890	DEF AT - - - - -	DEF AT 5
6430 / 6429	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6880 / 6879	DEF AT - - - - -	DEF AT 6
6970 / 6969	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
7085 / 7084	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 332	Date of Summary: 01-JUL-1974	First Sample Examined: 1159
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 6065
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6063
API Well Number: 427114006600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1159 - 6065	Water Depth: 230
Public Info Code: Y 29-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1159 / 1159	DEF AT first sample examined	DEF IN 3
1610 / 1610	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1790 / 1790	DEF AT - - - - -	DEF AT 2
2690 / 2690	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2840 / 2840	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4050 / 4050	DEF AT - - - - -	DEF AT 4
5370 / 5369	DEF AT - - - - -	DEF AT 5
5730 / 5729	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6065 / 6063	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 332	Date of Summary: 05-AUG-1974	First Sample Examined: 1140
Lease Number: G02422	Source of Paleo: OPERATOR	Borehole MD: 5191
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5191
API Well Number: 427114006700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1140 - 5190	Water Depth: 242
Public Info Code: Y 26-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1140 / 1140	DEF AT first sample examined	DEF IN 3
2220 / 2220	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2880 / 2880	DEF AT - - - - -	DEF AT 2
3570 / 3570	DEF AT - - - - -	DEF AT 3
3630 / 3630	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3870 / 3870	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4650 / 4650	DEF AT - - - - -	DEF AT 4
5190 / 5190	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 334	Date of Summary: 17-APR-1974	First Sample Examined: 1290
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 7732
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7732
API Well Number: 427114003500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1290 - 7710	Water Depth: 222
Public Info Code: Y 10-APR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1290 /	DEF AT first sample examined	DEF AT 1
1620 /	DEF AT -----	DEF AT 2
2310 /	DEF AT -----	DEF AT 1
2790 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4200 /	DEF AT -----	DEF AT 2
4710 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5250 /	DEF AT -----	DEF AT 1
5730 /	DEF AT -----	DEF AT 2
5880 /	DEF AT -----	DEF AT 1
7290 /	DEF AT -----	DEF AT 2
7560 /	DEF AT -----	DEF AT 3
7680 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7732 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 334	Date of Summary: 15-JUN-1989	First Sample Examined: 1290
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 7732
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7732
API Well Number: 427114003500	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1290 - 7730	Water Depth: 222
Public Info Code: Y 10-APR-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report, 2010=B D F (begin dwarf flora)

MD / TVD	Paleo Top Description	Ecozone
1290 /	DEF AT first sample examined	DEF AT 2
1740 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa (increase)	DEF AT 2
2010 /	DEF AT local marker floral increase	DEF AT 2
2340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3480 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 2
4200 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4230 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
5130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5880 /	DEF AT - - - - -	DEF AT 2
7290 /	DEF AT local marker (general)	DEF AT 3
7680 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
7730 /	DEF AT last sample examined	DEF AT 2

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End Date: 31-DEC-1987

Area Block: HI A 334	Date of Summary: 09-MAY-1974	First Sample Examined: 1230
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 7634
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7632
API Well Number: 427114004900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 1230 - 7635	Water Depth: 225
Public Info Code: Y 28-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 / 1230	DEF AT first sample examined	DEF AT 1
1231 / 1231	DEF AT pyrite	DEF AT 1
2309 / 2309	DEF AT shell fragments	DEF AT 1
2310 / 2310	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4260 / 4260	DEF AT - - - - -	DEF AT 2
4560 / 4560	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5280 / 5280	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5340 / 5340	DEF AT - - - - -	DEF AT 1
7635 /	DEF AT last sample examined	DEF AT 1

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End Date: 31-DEC-1987

Area Block: HI A 334	Date of Summary: 15-JUL-1989	First Sample Examined: 1230
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 7634
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7632
API Well Number: 427114004900	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 1230 - 7650	Water Depth: 225
Public Info Code: Y 28-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
1230 / 1230	DEF AT first sample examined	DEF AT 2
1710 / 1710	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT 2
1800 / 1800	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
2990 / 2990	DEF AT - - - - -	DEF AT 1
3780 / 3780	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 1
4260 / 4260	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4410 / 4410	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 3
5280 / 5280	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5600 / 5600	DEF AT - - - - -	DEF AT 1
6000 / 6000	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3
6090 / 6090	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
6420 / 6420	DEF AT poor sample interval top	POS AT 3
7470 / 7469	DEF AT poor sample interval bottom	DEF AT 2
7650 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 334	Date of Summary: 16-JUL-1989	First Sample Examined: 4790
Lease Number: G02423	Source of Paleo: OPERATOR	Borehole MD: 6928
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 6928
API Well Number: 427114025400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4790 - 6920	Water Depth: 232
Public Info Code: Y 04-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4790 / 4790	DEF AT first sample examined	DEF AT 2
4791 / 4791	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
4970 / 4970	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5180 / 5180	DEF AT faunal change (no faunal increase)	DEF AT 2
6260 / 6260	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
6350 / 6350	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 3
6710 / 6710	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
6800 / 6800	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6920 / 6920	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 336	Date of Summary: 07-MAY-1974	First Sample Examined: 0
Lease Number: G02424	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 427114004800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 233
Public Info Code: Y 31-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2410 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3470 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 336	Date of Summary: 26-MAY-1982	First Sample Examined: 4110
Lease Number: G02424	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11497
API Well Number: 427114054000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4110 - 10680	Water Depth: 238
Public Info Code: Y 31-MAR-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4110 / 4110	DEF AT first sample examined	DEF AT 3
4111 / 4111	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4920 / 4920	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5040 / 5040	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5850 / 5850	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5880 / 5880	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8730 / 8729	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10680 / 10678	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 336	Date of Summary: 09-JUN-1982	First Sample Examined: 4030
Lease Number: G02424	Source of Paleo: OPERATOR	Borehole MD: 11126
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11000
API Well Number: 427114054700	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4030 - 10450	Water Depth: 238
Public Info Code: Y 31-MAR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4030	DEF AT first sample examined	DEF AT 3
4031 / 4031	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4900 / 4900	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5830 / 5829	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5920 / 5919	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8530 / 8426	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
8770 / 8657	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10300 / 10134	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 4
10360 / 10192	DEF AT pyrite	DEF AT 5
10450 / 10279	DEF AT last sample examined	DEF AT 5

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Area Block: HI A 336	Date of Summary: 09-JUN-1982	First Sample Examined: 8470
Lease Number: G02424	Source of Paleo: OPERATOR	Borehole MD: 10696
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10530
API Well Number: 427114054701	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 8470 - 10690	Water Depth: 238
Public Info Code: Y 31-MAR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8470 /	DEF AT first sample examined	DEF AT 4
8680 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10690 /	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-1987

Area Block: HI A 336	Date of Summary: 09-JUN-1982	First Sample Examined: 9990
Lease Number: G02424	Source of Paleo: OPERATOR	Borehole MD: 12065
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11596
API Well Number: 427114054702	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9990 - 12065	Water Depth: 238
Public Info Code: Y 31-MAR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9990 / 9760	DEF AT first sample examined	DEF AT 4
10200 / 9944	DEF AT faunal change (no faunal increase)	DEF AT 5
10260 / 9996	DEF AT Eggerella sp. (local marker)	DEF AT 5
10500 / 10208	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
10560 / 10262	DEF AT Bathysiphon fauna	DEF AT 5
10620 / 10315	DEF AT Cyclamina sp. (local marker)	DEF AT 5
10950 / 10609	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
11940 / 11486	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
12065 / 11596	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

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Area Block: HI A 337	Date of Summary: 01-JUN-1974	First Sample Examined: 1040
Lease Number: G02425	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11547
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11547
API Well Number: 427114003100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1040 - 11547	Water Depth: 237
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 /	DEF AT first sample examined	DEF AT 3
1041 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1400 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2120 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2420 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3050 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3440 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3530 /	DEF AT local marker foram decrease	DEF AT 1
5780 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5810 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5840 /	DEF AT local marker deep water fauna	DEF AT 4
5960 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6710 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6920 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
8930 /	DEF AT Bathysiphon fauna	DEF AT 5
9140 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9410 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
9650 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9920 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10180 /	DEF AT pyrite	DEF AT 5
11200 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11290 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 337	Date of Summary: 01-JUN-1974	First Sample Examined: 1040
Lease Number: G02425	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11547
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11547
API Well Number: 427114003100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1040 - 11547	Water Depth: 237
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11547 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 339	Date of Summary: 13-NOV-1974	First Sample Examined: 1010
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 8525
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8525
API Well Number: 427114007200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1010 - 8525	Water Depth: 234
Public Info Code: Y 08-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 /	DEF AT first sample examined	DEF IN 3
2240 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3910 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
5260 /	DEF AT - - - - -	DEF AT 4
5320 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7960 /	DEF AT - - - - -	DEF AT 5
8525 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 03-APR-1974	First Sample Examined: 860
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 7528
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7528
API Well Number: 427114001800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 860 - 7500	Water Depth: 231
Public Info Code: Y 02-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
860 /	DEF AT first sample examined	DEF IN 3
1940 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4290 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4440 /	DEF AT - - - - -	DEF AT 3
6690 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6870 /	DEF AT - - - - -	DEF AT 5
7020 /	DEF AT gouge	DEF AT 6
7440 /	DEF AT anhydrite	DEF AT 6
7500 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 22-MAY-1974	First Sample Examined: 840
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 6505
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6505
API Well Number: 427114005700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 840 - 6505	Water Depth: 229
Public Info Code: Y 18-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
840 / 840	DEF AT first sample examined	DEF IN 2
1920 / 1918	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4200 / 4184	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4590 / 4569	DEF AT - - - - -	DEF AT 4
5400 / 5366	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5640 / 5601	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6505 / 6446	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 04-APR-1975	First Sample Examined: 1000
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 7879
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7879
API Well Number: 427114010000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7870	Water Depth: 240
Public Info Code: Y 27-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 3
2140 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5050 /	DEF AT - - - -	DEF AT 4
5650 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7150 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7240 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
7571 /	POS AT gouge	DEF AT 6
7840 /	DEF AT anhydrite	DEF AT 6
7841 /	DEF AT domal material	DEF AT 6
7870 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 09-MAR-1976	First Sample Examined: 1000
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 7238
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7076
API Well Number: 427114012800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7240	Water Depth: 232
Public Info Code: Y 03-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
2140 / 2127	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4930 / 4824	DEF AT - - - - -	DEF AT 4
5110 / 4999	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6670 / 6518	DEF AT - - - - -	DEF AT 5
6910 / 6752	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7090 / 6928	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7150 / 6987	DEF AT anhydrite	DEF AT 6
7240 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 26-JUL-1976	First Sample Examined: 2660
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 5856
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5050
API Well Number: 427114016400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 2660 - 5770	Water Depth: 232
Public Info Code: Y 08-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2660 / 2495	DEF AT first sample examined	DEF AT 3
2661 / 2496	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5120 / 4454	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5770 / 4981	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 02-NOV-1976	First Sample Examined: 7090
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 7217
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3455
API Well Number: 427114018800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 7090 - 7217	Water Depth: 232
Public Info Code: Y 29-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7090 / 3395	DEF AT first sample examined	DEF AT
7150 / 3423	DEF AT anhydrite	DEF AT
7151 / 3424	DEF AT caprock	DEF AT
7217 / 3455	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 01-JUN-1977	First Sample Examined: 2800
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 6679
Well Name: A018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5412
API Well Number: 427114026300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 2800 - 6680	Water Depth: 232
Public Info Code: Y 25-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2386	DEF AT first sample examined	DEF AT 3
2801 / 2387	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5660 / 4518	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6140 / 4937	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6320 / 5096	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6530 / 5281	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6620 / 5360	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
6621 / 5361	DEF AT gouge	DEF AT 6
6680 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 23-AUG-1977	First Sample Examined: 3260
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 6891
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4527
API Well Number: 427114027800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3260 - 6890	Water Depth: 232
Public Info Code: Y 17-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3260 / 2430	DEF AT first sample examined	DEF IN 3
6590 / 4355	DEF AT - - - - -	DEF AT 4
6620 / 4372	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6890 / 4530	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 25-JUL-1977	First Sample Examined: 4000
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 9947
Well Name: A021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7004
API Well Number: 427114028200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9947	Water Depth: 232
Public Info Code: Y 14-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3066	DEF AT first sample examined	DEF AT 3
4001 / 3066	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5800 / 4213	DEF AT sample gap top	POS AT 3
6820 / 4878	DEF AT sample gap bottom	DEF AT 3
7120 / 5077	DEF AT - - - - -	DEF AT 4
8350 / 5913	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9947 / 7004	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 17-NOV-1977	First Sample Examined: 3260
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 6322
Well Name: A023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5854
API Well Number: 427114030500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3260 - 6260	Water Depth: 232
Public Info Code: Y 23-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3260 / 2855	DEF AT first sample examined	POS AT 3
3590 / 3154	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4477 / 4016	DEF AT - - - - -	DEF AT 4
4627 / 4166	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5690 / 5209	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6230 / 5748	POS AT gouge	DEF AT 5
6260 / 5777	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 13-DEC-1977	First Sample Examined: 3230
Lease Number: G02426	Source of Paleo: OPERATOR	Borehole MD: 6277
Well Name: A024	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4231
API Well Number: 427114030700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3230 - 5090	Water Depth: 232
Public Info Code: Y 11-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 2410	DEF AT first sample examined	DEF IN 3
3770 / 2758	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4500 / 3186	DEF AT - - - - -	DEF AT 4
5090 / 3511	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 26-AUG-1976	First Sample Examined: 3880
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 13927
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9405
API Well Number: 427114017100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3880 - 13930	Water Depth: 232
Public Info Code: Y 18-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 / 2810	DEF AT first sample examined	DEF IN 3
3881 / 2810	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6700 / 4700	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6940 / 4858	DEF AT faunal change (no faunal increase)	DEF AT 4
7450 / 5194	DEF AT faunal change (no faunal increase)	DEF AT 5
10210 / 6963	DEF AT faunal change (no faunal increase)	DEF AT 4
13120 / 8950	DEF AT faunal change (no faunal increase)	DEF AT 5
13210 / 9013	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
13930 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 15-OCT-1976	First Sample Examined: 3008
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 10240
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7505
API Well Number: 427114017800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3008 - 10240	Water Depth: 232
Public Info Code: Y 11-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3008 / 2496	DEF AT first sample examined	DEF IN 3
3009 / 2497	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5280 / 4067	DEF AT faunal change (no faunal increase)	DEF AT 4
9310 / 6893	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9400 / 6952	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10180 / 7465	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10240 / 7505	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 19-NOV-1976	First Sample Examined: 2430
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 5970
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5298
API Well Number: 427114019800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 2430 - 5970	Water Depth: 232
Public Info Code: Y 11-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2430 / 2315	DEF AT first sample examined	DEF AT 3
2490 / 2365	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4200 / 3809	DEF AT faunal change (no faunal increase)	DEF AT 4
4650 / 4193	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5550 / 4952	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5970 / 5298	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 07-DEC-1976	First Sample Examined: 3300
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 8752
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6253
API Well Number: 427114021000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3300 - 8751	Water Depth: 232
Public Info Code: Y 01-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 2771	DEF AT first sample examined	DEF IN 3
3570 / 2938	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5580 / 4208	DEF AT faunal change (no faunal increase)	DEF AT 4
7200 / 5263	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8751 / 6252	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 29-DEC-1976	First Sample Examined: 3030
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 8435
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7004
API Well Number: 427114021100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3030 - 8435	Water Depth: 232
Public Info Code: Y 23-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 2797	DEF AT first sample examined	DEF IN 3
3031 / 2798	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5160 / 4406	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6570 / 5525	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8435 / 7004	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 07-FEB-1977	First Sample Examined: 3324
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 11980
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8001
API Well Number: 427114022300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3324 - 11980	Water Depth: 232
Public Info Code: Y 26-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3324 / 2802	DEF AT first sample examined	DEF IN 3
3690 / 3028	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6000 / 4390	DEF AT faunal change (no faunal increase)	DEF AT 4
6120 / 4463	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7650 / 5364	DEF AT faunal change (no faunal increase)	DEF AT 5
7680 / 5382	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
8010 / 5576	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11980 / 8002	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 04-MAY-1977	First Sample Examined: 3950
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 11220
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8002
API Well Number: 427114023500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3950 - 11220	Water Depth: 232
Public Info Code: Y 09-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3950 / 2868	DEF AT first sample examined	POS AT 4
4400 / 3185	POS IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 4
6920 / 4919	DEF AT faunal change (no faunal increase)	DEF AT 4
7130 / 5061	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8690 / 6134	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
11220 / 8002	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 29-MAR-1977	First Sample Examined: 3030
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 7581
Well Name: A015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5224
API Well Number: 427114024100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3030 - 7580	Water Depth: 232
Public Info Code: Y 10-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 2519	DEF AT first sample examined	DEF AT 3
3600 / 2821	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5400 / 3841	DEF AT faunal change (no faunal increase)	DEF AT 4
7580 / 5223	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 04-MAY-1977	First Sample Examined: 3060
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 8820
Well Name: A016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7258
API Well Number: 427114025800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3060 - 8820	Water Depth: 232
Public Info Code: Y 25-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 2580	DEF AT first sample examined	DEF IN 3
3180 / 2677	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5190 / 4282	DEF AT sample gap top	POS IN 3
5279 / 4352	DEF AT sample gap bottom	DEF AT 4
5280 / 4353	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8820 / 7261	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 340	Date of Summary: 02-AUG-1977	First Sample Examined: 3000
Lease Number: G02739	Source of Paleo: OPERATOR	Borehole MD: 10267
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7610
API Well Number: 427114025801	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3000 - 10267	Water Depth: 232
Public Info Code: Y 29-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2532	DEF AT first sample examined	DEF AT 3
3001 / 2533	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5490 / 4446	DEF AT faunal change (no faunal increase)	DEF AT 4
5610 / 4539	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7020 / 5532	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10267 / 7610	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 343	Date of Summary: 12-JAN-1975	First Sample Examined: 1030
Lease Number: G02741	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7461
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 7461
API Well Number: 427114007500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1030 - 7451	Water Depth: 236
Public Info Code: Y 10-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 /	DEF AT first sample examined	DEF AT 4
1031 /	DEF AT cement	DEF AT 4
1032 /	DEF AT local marker planktic foram increase	DEF AT 4
1090 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
1150 /	DEF AT local marker benthic foram increase	DEF AT 4
1210 /	DEF AT local marker foram decrease	DEF AT 3
1270 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1780 /	DEF AT local marker benthic foram increase	DEF IN 2
1839 /	DEF AT foram flood	DEF AT 4
1840 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
1900 /	DEF AT local marker planktic foram increase	DEF IN 3
1960 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2140 /	DEF AT local marker foram increase	DEF IN 2
2200 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2320 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
3009 /	DEF AT pyrite	DEF AT 2
3010 /	DEF AT local marker foram decrease	DEF AT 2
3280 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
3340 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
3370 /	POS AT local marker foram decrease	DEF AT 2
3460 /	DEF AT local marker foram decrease	DEF IN 1
3550 /	DEF AT - - - - -	DEF AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 343	Date of Summary: 12-JAN-1975	First Sample Examined: 1030
Lease Number: G02741	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7461
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 7461
API Well Number: 427114007500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1030 - 7451	Water Depth: 236
Public Info Code: Y 10-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5410 /	DEF AT local marker benthic foram increase	DEF AT 2
5500 /	DEF AT faunal change (no faunal increase)	DEF IN 2
5530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5680 /	DEF AT local marker foram decrease	DEF AT 2
6430 /	POS AT local marker benthic foram increase	DEF AT 2
7210 /	DEF AT local marker foram increase	DEF AT 3
7240 /	DEF AT local marker deep water fauna	DEF AT 4
7299 /	DEF AT pyrite	DEF AT 3
7300 /	DEF AT local marker foram decrease	DEF AT 3
7420 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 3
7451 /	DEF AT last sample examined	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 345	Date of Summary: 09-JAN-1980	First Sample Examined: 550
Lease Number: G03952	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7200
API Well Number: 427114042400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 550 - 7200	Water Depth: 222
Public Info Code: Y 22-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
550 /	DEF AT first sample examined	DEF IN 2
640 /	DEF AT - - - - -	DEF AT 3
1150 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3039 /	DEF AT glauconite	DEF AT 3
3040 /	DEF AT local marker foram increase	DEF AT 3
3430 /	DEF AT local marker foram decrease	DEF AT 3
4360 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4479 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4480 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
4810 /	DEF AT local marker foram increase	DEF AT 4
7200 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 346	Date of Summary: 17-FEB-1981	First Sample Examined: 2630
Lease Number: G04190	Source of Paleo: OPERATOR	Borehole MD: 7504
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6500
API Well Number: 427114051100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 2630 - 7490	Water Depth: 242
Public Info Code: Y 03-MAY-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2630 / 2464	DEF AT first sample examined	DEF AT 3
2631 / 2464	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2720 / 2537	DEF AT local marker (general)	DEF AT 3
4310 / 3889	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4790 / 4310	DEF AT faunal change (no faunal increase)	DEF AT 3
6380 / 5619	DEF AT faunal change (no faunal increase)	DEF AT 2
7490 / 6459	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 346	Date of Summary: 16-MAR-1981	First Sample Examined: 3515
Lease Number: G04190	Source of Paleo: OPERATOR	Borehole MD: 8769
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6512
API Well Number: 427114051500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3515 - 8753	Water Depth: 230
Public Info Code: Y 03-MAY-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3515 / 3216	DEF AT first sample examined	DEF AT 3
3516 / 3217	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4560 / 3907	DEF AT sample gap top	POS AT 3
4659 / 3973	DEF AT sample gap bottom	DEF AT 5
4660 / 3973	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5080 / 4244	DEF AT faunal change (no faunal increase)	DEF AT 3
7060 / 5401	DEF AT faunal change (no faunal increase)	DEF AT 4
7330 / 5563	DEF AT faunal change (no faunal increase)	DEF AT 2
8753 / 6487	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 346	Date of Summary: 12-FEB-1985	First Sample Examined: 3410
Lease Number: G04190	Source of Paleo: OPERATOR	Borehole MD: 6290
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6003
API Well Number: 427114059600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3410 - 6290	Water Depth: 240
Public Info Code: Y 03-MAY-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3329	DEF AT first sample examined	DEF AT 3
3411 / 3330	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4010 / 3888	DEF AT faunal change (no faunal increase)	DEF AT 5
4070 / 3943	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5030 / 4834	DEF AT faunal change (no faunal increase)	DEF AT 3
6290 / 6005	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 346	Date of Summary: 12-FEB-1985	First Sample Examined: 3480
Lease Number: G04190	Source of Paleo: OPERATOR	Borehole MD: 7066
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5453
API Well Number: 427114059601	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3480 - 7066	Water Depth: 240
Public Info Code: Y 03-MAY-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3480 / 3394	DEF AT first sample examined	DEF AT 3
4100 / 3920	DEF AT faunal change (no faunal increase)	DEF AT 5
4160 / 3966	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4400 / 4137	DEF AT faunal change (no faunal increase)	DEF AT 3
7066 / 5453	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 348	Date of Summary: 14-MAY-1975	First Sample Examined: 940
Lease Number: G02742	Source of Paleo: OPERATOR	Borehole MD: 6271
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6271
API Well Number: 427114011000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 940 - 6270	Water Depth: 257
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
940 /	DEF AT first sample examined	DEF IN 2
1280 /	DEF AT - - - - -	DEF AT 3
1470 /	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	POS AT 4
1920 /	DEF AT - - - - -	DEF AT 3
2930 /	DEF AT - - - - -	DEF AT 4
3040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6090 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6270 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 348	Date of Summary: 20-NOV-1977	First Sample Examined: 940
Lease Number: G02742	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6271
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6271
API Well Number: 427114011000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 940 - 6270	Water Depth: 257
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
940 /	DEF AT first sample examined	POS AT 2
1030 /	DEF AT shell fragments	POS AT 2
1190 /	DEF AT faunal change (no faunal increase)	DEF IN 2
1270 /	DEF AT local marker foram increase	DEF AT 3
1370 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1950 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2760 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2930 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4050 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4300 /	DEF AT pyrite	DEF AT 4
4570 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5230 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5500 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6090 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6120 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6270 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 348	Date of Summary: 27-JUN-1979	First Sample Examined: 4930
Lease Number: G02742	Source of Paleo: OPERATOR	Borehole MD: 10939
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10936
API Well Number: 427114015300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4930 - 10900	Water Depth: 270
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4930 /	DEF AT first sample examined	DEF IN 2
5080 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5170 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7930 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
8170 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9220 /	DEF AT poor sample interval top	DEF AT 4
9430 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9609 /	DEF AT poor sample interval bottom	DEF AT 5
9610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
10600 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10900 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 349	Date of Summary: 18-FEB-1975	First Sample Examined: 1100
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 11987
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11985
API Well Number: 427114007300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 1100 - 11990	Water Depth: 282
Public Info Code: Y 13-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF IN 2
1340 / 1340	DEF AT - - - - -	DEF AT 3
1520 / 1520	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1910 / 1910	DEF AT - - - - -	DEF AT 3
2570 / 2570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7700 / 7700	DEF AT - - - - -	DEF AT 4
7910 / 7910	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8750 / 8749	DEF AT - - - - -	DEF AT 4
11570 / 11569	DEF AT - - - - -	DEF AT 5
11600 / 11599	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11660 / 11659	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11990 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 349	Date of Summary: 04-MAR-1975	First Sample Examined: 1100
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 11987
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11985
API Well Number: 427114007300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 1100 - 11990	Water Depth: 282
Public Info Code: Y 13-MAR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF AT 2
1400 / 1400	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
1880 / 1880	DEF AT faunal change (no faunal increase)	DEF AT 2
2450 / 2450	DEF AT faunal change (no faunal increase)	DEF AT 3
2630 / 2630	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3320 / 3320	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5720 / 5720	DEF AT faunal change (no faunal increase)	DEF AT 2
7700 / 7700	DEF AT faunal change (no faunal increase)	DEF AT 3
7880 / 7880	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8570 / 8569	DEF AT faunal change (no faunal increase)	DEF AT 3
9919 / 9918	POS AT unconformity	DEF AT 4
9920 / 9919	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehisces (acme "B")	DEF AT 4
11660 / 11659	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
11990 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 349	Date of Summary: 14-DEC-1976	First Sample Examined: 3450
Lease Number: G02743	Source of Paleo: OPERATOR	Borehole MD: 12102
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10795
API Well Number: 427114020800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3450 - 12090	Water Depth: 274
Public Info Code: Y 03-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3450 / 3450	DEF AT first sample examined	DEF AT 3
3451 / 3451	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7920 / 7648	DEF AT faunal change (no faunal increase)	DEF AT 4
8040 / 7742	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
10620 / 9667	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
12090 / 10786	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 350	Date of Summary: 11-FEB-1974	First Sample Examined: 1140
Lease Number: G02428	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10525
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10524
API Well Number: 427114000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1140 - 10512	Water Depth: 286
Public Info Code: Y 25-SEP-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1140 / 1140	DEF AT first sample examined	POS AT 2
1141 / 1141	DEF AT cement	POS AT 2
1455 / 1455	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2220 / 2220	POS AT local marker benthic foram increase	DEF IN 3
2400 / 2400	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
2895 / 2895	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3815 / 3815	DEF AT pyrite	DEF AT 2
4310 / 4310	DEF AT local marker benthic foram increase	DEF AT 2
4760 / 4760	DEF AT pyrite	DEF AT 2
4850 / 4850	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
7680 / 7679	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7725 / 7724	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
10160 / 10159	DEF AT pyrite	DEF AT 4
10512 / 10511	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 350	Date of Summary: 26-FEB-1974	First Sample Examined: 1995
Lease Number: G02428	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11500
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11500
API Well Number: 427114000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1995 - 11860	Water Depth: 296
Public Info Code: Y 15-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1995 / 1995	DEF AT first sample examined	POS AT 2
2085 / 2085	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2220 / 2220	DEF AT local marker foram increase	DEF AT 3
2760 / 2760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3625 / 3625	DEF AT pyrite	DEF AT 3
4840 / 4838	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5560 / 5556	DEF AT pyrite	DEF AT 3
7100 / 7096	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7190 / 7185	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7235 / 7230	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7910 / 7905	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
11860 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 351	Date of Summary: 27-MAR-1974	First Sample Examined: 1058
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 9252
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9252
API Well Number: 427114001900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 1058 - 9230	Water Depth: 267
Public Info Code: Y 19-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1058 /	DEF AT first sample examined	DEF IN 3
1520 /	POS AT reworked material	DEF IN 3
1521 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3000 /	DEF AT - - - - -	DEF AT 4
3240 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7290 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8750 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9050 /	DEF AT - - - - -	DEF AT 5
9170 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9171 /	POS AT gouge	DEF AT 5
9230 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 351	Date of Summary: 02-JAN-1975	First Sample Examined: 1050
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 7252
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7252
API Well Number: 427114008300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 1050 - 7260	Water Depth: 286
Public Info Code: Y 27-JAN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 /	DEF AT first sample examined	DEF IN 2
1360 /	DEF AT - - - - -	DEF AT 4
1590 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6750 /	DEF AT - - - - -	DEF AT 5
6780 /	DEF AT gouge	DEF AT 5
7170 /	DEF AT anhydrite	DEF AT
7260 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 351	Date of Summary: 27-JAN-1975	First Sample Examined: 1025
Lease Number: G02429	Source of Paleo: OPERATOR	Borehole MD: 5891
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5891
API Well Number: 427114009400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 1025 - 5876	Water Depth: 284
Public Info Code: Y 25-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1025 / 1025	DEF AT first sample examined	DEF AT
1026 / 1026	DEF IN cement	DEF AT
1480 / 1480	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3490 / 3490	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5680 / 5680	DEF AT gouge	DEF AT 6
5770 / 5770	DEF AT anhydrite	DEF AT
5876 / 5876	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 358	Date of Summary: 20-APR-1978	First Sample Examined: 0
Lease Number: G02430	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8343
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8343
API Well Number: 427114014800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 245
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 3230	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7130 / 7128	DEF AT -----	DEF AT 4
7220 / 7218	DEF AT -----	DEF AT 5
7250 / 7248	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8150 / 8148	DEF AT -----	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 360	Date of Summary: 02-JUN-1974	First Sample Examined: 900
Lease Number: G02431	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7958
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 7958
API Well Number: 427114002200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 900 - 7950	Water Depth: 241
Public Info Code: Y 25-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 /	DEF AT first sample examined	POS AT 2
901 /	POS AT reworked material	POS AT 2
960 /	DEF AT faunal change (no faunal increase)	POS AT 3
989 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
990 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1050 /	DEF AT faunal change (no faunal increase)	DEF IN 2
1200 /	DEF AT local marker foram increase	DEF IN 2
1230 /	POS AT local marker foram decrease	DEF AT 2
1410 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2010 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2041 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2459 /	DEF AT pyrite	DEF IN 2
2460 /	DEF AT local marker benthic foram increase	DEF IN 2
3150 /	DEF AT local marker foram decrease	POS AT 2
3600 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
4829 /	DEF IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 3
4830 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
5070 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5100 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5160 /	DEF AT pyrite	DEF IN 3
5190 /	DEF AT local marker foram decrease	POS AT 3
5790 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 360	Date of Summary: 02-JUN-1974	First Sample Examined: 900
Lease Number: G02431	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7958
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 7958
API Well Number: 427114002200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 900 - 7950	Water Depth: 241
Public Info Code: Y 25-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5820 /	POS AT local marker foram decrease	POS AT 3
6210 /	DEF AT pyrite	POS AT 3
7350 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
7470 /	POS AT local marker foram increase	POS IN 3
7680 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	POS IN 3
7769 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	POS IN 3
7770 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7800 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7920 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7950 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 362	Date of Summary: 01-MAR-1978	First Sample Examined: 0
Lease Number: G02747	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9504
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9503
API Well Number: 427114030800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 287
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2570 / 2570	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5800 / 5800	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
8500 / 8500	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 364	Date of Summary: 29-SEP-1978	First Sample Examined: 3040
Lease Number: G02749	Source of Paleo: OPERATOR	Borehole MD: 6505
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6494
API Well Number: 427114036400	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 3040 - 6500	Water Depth: 326
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3040 /	DEF AT first sample examined	DEF AT 1
3041 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3280 /	DEF AT local marker benthic foram increase	DEF AT 2
3340 /	DEF AT sand	DEF AT 1
5620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
6040 /	DEF AT - - - - -	DEF AT 1
6500 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 365	Date of Summary: 27-MAR-1975	First Sample Examined: 1426
Lease Number: G02750	Source of Paleo: OPERATOR	Borehole MD: 9027
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9021
API Well Number: 427114009800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1426 - 9010	Water Depth: 328
Public Info Code: Y 21-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1426 / 1426	DEF AT first sample examined	POS AT 5
1427 / 1427	DEF IN cement	POS AT 5
1540 / 1540	DEF AT - - - - -	DEF AT 5
3070 / 3070	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4090 / 4090	DEF AT - - - - -	DEF AT 4
4180 / 4180	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5080 / 5080	DEF AT - - - - -	DEF AT 3
6490 / 6490	DEF AT - - - - -	DEF AT 2
8170 / 8167	DEF AT - - - - -	DEF AT 3
8260 / 8256	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8410 / 8406	DEF AT - - - - -	DEF AT 5
8620 / 8615	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8830 / 8825	DEF AT - - - - -	POS AT 6
9010 / 9004	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 365	Date of Summary: 09-OCT-1975	First Sample Examined: 1430
Lease Number: G02750	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5999
API Well Number: 427114012100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 1430 - 6000	Water Depth: 318
Public Info Code: Y 05-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1430 / 1430	DEF AT first sample examined	DEF AT
1431 / 1431	DEF IN cement	DEF AT
1550 / 1550	DEF AT -----	POS AT 5
1700 / 1700	POS AT -----	POS AT 3
2210 / 2210	DEF AT -----	POS AT 5
2500 / 2500	DEF AT -----	POS AT 3
3140 / 3140	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
3770 / 3770	DEF AT -----	POS AT 3
5420 / 5420	DEF AT -----	POS AT 4
5600 / 5600	DEF AT -----	POS AT 3
6000 / 6000	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 365	Date of Summary: 16-DEC-1975	First Sample Examined: 1460
Lease Number: G02750	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6000
API Well Number: 427114012600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1460 - 6020	Water Depth: 323
Public Info Code: Y 12-JAN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1460 / 1460	DEF AT first sample examined	DEF AT
1461 / 1461	DEF IN cement	DEF AT
1610 / 1610	DEF AT -----	POS AT 5
2060 / 2060	DEF AT -----	POS AT 4
2061 / 2061	DEF AT -----	POS AT 2
2450 / 2450	DEF AT -----	POS AT 3
3140 / 3140	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
4730 / 4730	DEF AT -----	POS AT 2
4731 / 4731	DEF AT -----	POS AT 3
5420 / 5420	DEF AT -----	POS AT 3
6020 /	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 367	Date of Summary: 24-OCT-1978	First Sample Examined: 1035
Lease Number: G03487	Source of Paleo: OPERATOR	Borehole MD: 8654
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8654
API Well Number: 427114035900	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1035 - 8652	Water Depth: 312
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1035 / 1035	DEF AT first sample examined	DEF IN 2
1420 / 1420	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1750 / 1750	DEF AT - - - - -	DEF AT 4
1870 / 1870	DEF AT - - - - -	DEF AT 5
2110 / 2110	DEF AT - - - - -	DEF AT 4
2320 / 2320	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7720 / 7719	DEF AT - - - - -	DEF AT 5
8652 / 8651	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 368	Date of Summary: 25-NOV-1974	First Sample Examined: 1365
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 8976
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8969
API Well Number: 427114000900	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1365 - 7856	Water Depth: 324
Public Info Code: Y 19-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1365 / 1359	DEF AT first sample examined	DEF AT 2
1540 / 1533	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1630 / 1622	DEF AT - - - - -	DEF AT 4
1690 / 1682	DEF AT - - - - -	DEF AT 5
2260 / 2251	DEF AT - - - - -	DEF AT 4
3460 / 3451	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5780 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
7856 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 368	Date of Summary: 25-NOV-1974	First Sample Examined: 7541
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 8976
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8969
API Well Number: 427114000900	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 7541 - 8960	Water Depth: 324
Public Info Code: Y 19-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7541 /	DEF AT first sample examined	DEF AT 4
8120 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8840 /	DEF AT anhydrite	DEF AT 4
8960 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 368	Date of Summary: 13-DEC-1974	First Sample Examined: 1360
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 8892
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8892
API Well Number: 427114008700	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1360 - 8840	Water Depth: 326
Public Info Code: Y 11-JAN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1360 /	DEF AT first sample examined	DEF IN 2
1570 /	DEF AT -----	DEF AT 3
1600 /	DEF AT -----	DEF AT 4
1660 /	DEF AT -----	DEF AT 5
2140 /	DEF AT -----	DEF AT 4
3550 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7100 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7250 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
8810 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8840 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 368	Date of Summary: 20-JAN-1975	First Sample Examined: 1374
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 11060
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11060
API Well Number: 427114009100	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1374 - 11060	Water Depth: 336
Public Info Code: Y 14-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1374 /	DEF AT first sample examined	DEF IN 2
1640 /	DEF AT - - - - -	DEF AT 3
1820 /	DEF AT - - - - -	DEF AT 4
1880 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3440 /	DEF AT - - - - -	DEF AT 4
3830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
9560 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9680 /	DEF AT Cyclamina sp. (local marker)	DEF AT 5
10310 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
10949 /	DEF AT gouge	DEF AT 5
10950 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10990 /	DEF AT anhydrite	POS AT 5
11060 /	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 368	Date of Summary: 21-FEB-1975	First Sample Examined: 1250
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 6140
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6140
API Well Number: 427114009300	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1250 - 6140	Water Depth: 310
Public Info Code: Y 01-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 /	DEF AT first sample examined	DEF IN 3
1340 /	DEF AT - - - - -	DEF IN 3
1520 /	DEF AT - - - - -	DEF AT 4
3590 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6030 /	DEF AT anhydrite	POS AT 4
6140 /	DEF AT last sample examined	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 368	Date of Summary: 03-DEC-1976	First Sample Examined: 1170
Lease Number: G02433	Source of Paleo: OPERATOR	Borehole MD: 9479
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9479
API Well Number: 427114020300	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 1170 - 9480	Water Depth: 303
Public Info Code: Y 31-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1170 /	DEF AT first sample examined	DEF IN 2
1350 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1530 /	DEF AT - - - -	DEF AT 4
1950 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6670 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9419 /	DEF AT gouge	DEF AT
9420 /	DEF AT anhydrite	DEF AT
9480 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 02-FEB-1974	First Sample Examined: 1180
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 9891
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9891
API Well Number: 427114001200	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1180 - 9880	Water Depth: 309
Public Info Code: Y 20-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1180 / 1180	DEF AT first sample examined	DEF AT 4
1181 / 1181	DEF AT cement	DEF AT 4
1320 / 1320	DEF AT - - - - -	DEF IN 4
2610 / 2610	DEF AT - - - - -	DEF AT 3
2940 / 2940	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4050 / 4050	DEF AT - - - - -	DEF IN 2
4860 / 4860	DEF AT - - - - -	DEF AT 3
6390 / 6390	DEF AT - - - - -	DEF AT 4
6420 / 6420	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6540 / 6540	DEF AT - - - - -	DEF AT 5
7920 / 7920	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9880 / 9880	DEF AT last sample examined	DEF AT 5

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GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 26-MAR-1974	First Sample Examined: 1300
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 10036
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8763
API Well Number: 427114001700	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1300 - 10067	Water Depth: 309
Public Info Code: Y 21-APR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 / 1300	DEF AT first sample examined	DEF AT
1540 / 1540	DEF AT -----	DEF AT 5
2530 / 2501	DEF AT -----	DEF AT 3
2750 / 2700	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7440 / 6515	DEF AT -----	DEF AT 4
7500 / 6565	DEF AT -----	DEF AT 5
7530 / 6590	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10067 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 09-SEP-1976	First Sample Examined: 2900
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 8745
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7333
API Well Number: 427114017300	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2900 - 8745	Water Depth: 345
Public Info Code: Y 30-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2839	DEF AT first sample examined	DEF IN 3
3000 / 2925	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7575 / 6458	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7675 / 6532	DEF AT - - - - -	DEF AT 5
8745 / 7333	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 21-OCT-1976	First Sample Examined: 2900
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 10572
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 8640
API Well Number: 427114018700	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2900 - 10550	Water Depth: 350
Public Info Code: Y 16-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2699	DEF AT first sample examined	DEF IN 3
3320 / 3032	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7550 / 6319	DEF AT - - - - -	DEF AT 4
7580 / 6342	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8900 / 7340	DEF AT - - - - -	DEF AT 5
10550 / 8631	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 22-DEC-1976	First Sample Examined: 3240
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 7980
API Well Number: 427114020000	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3240 - 10000	Water Depth: 345
Public Info Code: Y 17-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3240 / 3034	DEF AT first sample examined	DEF AT 3
3241 / 3035	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
8040 / 6493	DEF AT - - - - -	DEF AT 4
8070 / 6516	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8220 / 6629	DEF AT - - - - -	DEF AT 5
10000 / 7980	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 02-FEB-1977	First Sample Examined: 5130
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 9596
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9254
API Well Number: 427114022100	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 5130 - 9590	Water Depth: 345
Public Info Code: Y 26-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5130 / 4793	DEF AT first sample examined	DEF IN 3
6540 / 6201	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6570 / 6231	DEF AT - - - - -	DEF AT 5
7530 / 7190	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7650 / 7310	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9590 / 9248	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 02-MAR-1977	First Sample Examined: 3330
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 9012
API Well Number: 427114022600	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3330 - 9780	Water Depth: 345
Public Info Code: Y 20-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3330 / 3308	DEF AT first sample examined	DEF AT 3
3331 / 3309	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6900 / 6435	DEF AT - - - - -	DEF AT 4
6960 / 6487	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7020 / 6539	DEF AT - - - - -	DEF AT 5
8550 / 7860	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8610 / 7912	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9780 / 8992	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 20-APR-1977	First Sample Examined: 2620
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 9860
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8813
API Well Number: 427114024500	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2620 - 9860	Water Depth: 350
Public Info Code: Y 12-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2620 / 2510	DEF AT first sample examined	DEF IN 3
3130 / 2947	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7270 / 6452	DEF AT - - - - -	DEF AT 4
7330 / 6503	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7420 / 6580	DEF AT - - - - -	DEF AT 5
9860 / 8813	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 14-JUL-1977	First Sample Examined: 2500
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 10746
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 9451
API Well Number: 427114025500	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2500 - 10727	Water Depth: 345
Public Info Code: Y 26-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF IN 3
3110 / 3110	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6680 / 6189	DEF AT - - - - -	DEF AT 4
6770 / 6256	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
6830 / 6300	DEF AT - - - - -	DEF AT 5
8030 / 7220	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10727 / 9435	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 19-AUG-1977	First Sample Examined: 2610
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 9579
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 8002
API Well Number: 427114028700	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2610 - 9570	Water Depth: 345
Public Info Code: Y 12-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2610 / 2512	DEF AT first sample examined	DEF IN 3
3360 / 3113	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7830 / 6612	DEF AT - - - - -	DEF AT 4
8010 / 6750	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8130 / 6843	DEF AT - - - - -	DEF AT 5
9540 / 7970	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9570 / 7995	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 15-SEP-1977	First Sample Examined: 2840
Lease Number: G02434	Source of Paleo: OPERATOR	Borehole MD: 9452
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 7908
API Well Number: 427114029600	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2840 - 9440	Water Depth: 345
Public Info Code: Y 07-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2840 / 2655	DEF AT first sample examined	DEF IN 3
3170 / 2909	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7820 / 6583	DEF AT - - - - -	DEF AT 4
7850 / 6607	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7910 / 6655	DEF AT - - - - -	DEF AT 5
9440 / 7898	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 19-AUG-1976	First Sample Examined: 2800
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 10770
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9453
API Well Number: 427114016000	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2800 - 10750	Water Depth: 345
Public Info Code: Y 14-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 / 2736	DEF AT first sample examined	DEF IN 3
3150 / 3037	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7450 / 6616	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7525 / 6678	DEF AT - - - - -	DEF AT 5
10750 / 9436	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 29-NOV-1976	First Sample Examined: 3100
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 11700
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8530
API Well Number: 427114019900	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3100 - 11700	Water Depth: 345
Public Info Code: Y 23-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3100 / 3008	DEF AT first sample examined	DEF IN 3
3170 / 3067	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9200 / 6961	DEF AT - - - - -	DEF AT 4
9260 / 6998	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
11700 / 8529	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 10-MAY-1977	First Sample Examined: 3900
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 11576
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 8286
API Well Number: 427114019901	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3900 - 11610	Water Depth: 345
Public Info Code: Y 06-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3900 / 3591	DEF AT first sample examined	DEF IN 3
9360 / 6801	DEF AT - - - - -	DEF AT 4
9390 / 6818	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9480 / 6871	DEF AT - - - - -	DEF AT 5
11610 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 01-JUN-1977	First Sample Examined: 9100
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 11217
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 8225
API Well Number: 427114019902	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 9100 - 11170	Water Depth: 245
Public Info Code: Y 14-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 6648	DEF AT first sample examined	DEF IN 3
9460 / 6878	DEF AT - - - - -	DEF AT 4
9490 / 6898	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9610 / 6977	DEF AT - - - - -	DEF AT 5
11170 / 8183	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 10-AUG-1977	First Sample Examined: 2500
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 11786
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8292
API Well Number: 427114027700	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2500 - 11790	Water Depth: 345
Public Info Code: Y 24-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2090	DEF AT first sample examined	DEF IN 3
5560 / 3536	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
11430 / 7950	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
11550 / 8065	DEF AT - - - - -	DEF AT 5
11580 / 8094	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11790 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 370	Date of Summary: 17-OCT-1977	First Sample Examined: 2660
Lease Number: G02751	Source of Paleo: OPERATOR	Borehole MD: 9302
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 8011
API Well Number: 427114029700	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 2660 - 9302	Water Depth: 345
Public Info Code: Y 29-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2660 / 2501	DEF AT first sample examined	DEF IN 3
3350 / 3090	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7760 / 6777	DEF AT - - - - -	DEF AT 4
7820 / 6825	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8000 / 6970	DEF AT - - - - -	DEF AT 5
9200 / 7929	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisceus (acme "B")	DEF AT 5
9302 / 8011	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 371	Date of Summary: 30-MAR-1956	First Sample Examined: 0
Lease Number: G02752	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7165
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6674
API Well Number: 427114040400	Drilling Operator: TEXAS PACIFIC OIL COMPANY INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 382
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 / 3636	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 374	Date of Summary: 31-OCT-1985	First Sample Examined: 1430
Lease Number: G05108	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14994
API Well Number: 427114058900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1430 - 15000	Water Depth: 362
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1430 / 1430	DEF AT first sample examined	DEF AT 2
2210 / 2210	DEF AT - - - - -	DEF AT 3
2360 / 2360	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4130 / 4130	DEF AT local marker foram increase	DEF AT 4
5450 / 5450	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6650 / 6650	DEF AT - - - - -	DEF IN 3
6680 / 6680	DEF AT local marker benthic foram increase	DEF IN 3
7250 / 7250	DEF AT - - - - -	DEF AT 4
7490 / 7490	DEF AT local marker foram increase	DEF AT 4
7639 / 7639	DEF AT gouge	DEF AT 4
7640 / 7640	DEF AT Middle Eocene (Bartonian) Truncorotaloides topilensis	DEF AT 4
7700 / 7700	DEF AT - - - - -	DEF AT 5
10280 / 10279	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10970 / 10969	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11299 / 11298	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11300 / 11299	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11810 / 11809	DEF AT local marker foram increase	DEF AT 5
11870 / 11869	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
11900 / 11899	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13040 / 13038	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
13310 / 13308	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
13759 / 13756	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 374	Date of Summary: 31-OCT-1985	First Sample Examined: 1430
Lease Number: G05108	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14994
API Well Number: 427114058900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1430 - 15000	Water Depth: 362
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
13760 / 13757	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
14090 / 14086	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
14330 / 14326	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 6
14600 / 14595	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
14659 / 14654	POS AT reworked material	DEF AT 6
14660 / 14655	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 6
15000 / 14994	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 384	Date of Summary: 22-MAR-1977	First Sample Examined: 2490
Lease Number: G03316	Source of Paleo: OPERATOR	Borehole MD: 9423
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9423
API Well Number: 427114020200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 2490 - 9423	Water Depth: 329
Public Info Code: Y 07-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2490 / 2490	DEF AT first sample examined	DEF AT 2
3000 / 3000	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5160 / 5160	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
6510 / 6510	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7500 / 7500	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
8730 / 8730	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
8826 / 8826	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
9423 / 9423	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 384	Date of Summary: 01-APR-1989	First Sample Examined: 3530
Lease Number: G03316	Source of Paleo: OPERATOR	Borehole MD: 9423
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9423
API Well Number: 427114020200	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 3530 - 8905	Water Depth: 329
Public Info Code: Y 07-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 3
3531 / 3531	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5690 / 5690	DEF AT - - - - -	DEF IN 3
5720 / 5720	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF IN 3
5960 / 5960	DEF AT - - - - -	DEF AT 3
7280 / 7280	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7400 / 7400	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 4
7700 / 7700	DEF AT - - - - -	DEF AT 3
8905 / 8905	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 384	Date of Summary: 22-MAR-1977	First Sample Examined: 1250
Lease Number: G03316	Source of Paleo: OPERATOR	Borehole MD: 8289
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8289
API Well Number: 427114021200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1250 - 8289	Water Depth: 330
Public Info Code: Y 15-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1250 / 1250	DEF AT first sample examined	DEF AT 1
3200 / 3200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6260 / 6258	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
7500 / 7497	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7730 / 7727	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8059 / 8056	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8060 / 8057	DEF AT gouge	DEF AT 3
8289 / 8285	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 391	Date of Summary: 06-DEC-1977	First Sample Examined: 1380
Lease Number: G02760	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10985
API Well Number: 427114014000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1380 - 11000	Water Depth: 355
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1380 / 1380	DEF AT first sample examined	DEF AT
3090 / 3090	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6650 / 6650	DEF AT sample gap top	DEF AT
6829 / 6828	DEF AT sample gap bottom	DEF AT
6830 / 6829	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9200 / 9197	DEF AT sample gap top	DEF AT
9470 / 9466	DEF AT sample gap bottom	DEF AT
10250 / 10244	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11000 / 10988	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: HI A 393	Date of Summary: 03-NOV-1976	First Sample Examined: 1550
Lease Number: G02762	Source of Paleo: OPERATOR	Borehole MD: 11696
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11693
API Well Number: 427114018600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1550 - 11696	Water Depth: 440
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1550 / 1550	DEF AT first sample examined	DEF AT
1610 / 1610	DEF AT -----	DEF AT 2
1611 / 1611	DEF AT -----	DEF AT 4
2180 / 2180	DEF AT -----	DEF AT 5
2450 / 2450	DEF AT -----	DEF AT 4
2810 / 2810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5600 / 5600	DEF AT -----	DEF AT 5
6020 / 6020	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8179 / 8177	DEF AT poor sample interval top	DEF AT
8180 / 8178	DEF AT local marker foram decrease	DEF AT
11695 / 11692	DEF AT poor sample interval bottom	DEF AT
11696 / 11693	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: HI A 396	Date of Summary: 21-MAY-1975	First Sample Examined: 1550
Lease Number: G02764	Source of Paleo: OPERATOR	Borehole MD: 7867
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7867
API Well Number: 427114010900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1550 - 3020	Water Depth: 427
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1550 / 1550	DEF AT first sample examined	DEF IN 4
1551 / 1551	DEF AT poor sample interval top	DEF AT 4
1610 / 1610	DEF AT - - - - -	DEF AT 2
1970 / 1970	DEF AT - - - - -	DEF AT 5
2600 / 2599	DEF AT poor sample interval bottom	DEF AT 5
2840 / 2839	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2900 / 2899	DEF AT - - - - -	DEF AT 2
3020 / 3018	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 396	Date of Summary: 21-MAY-1975	First Sample Examined: 2100
Lease Number: G02764	Source of Paleo: OPERATOR	Borehole MD: 7867
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7867
API Well Number: 427114010900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 2100 - 7850	Water Depth: 427
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
2100 / 2100	DEF AT first sample examined	DEF AT
2730 / 2729	DEF AT - - - - -	DEF AT 5
2760 / 2759	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3020 / 3018	DEF AT - - - - -	DEF AT 3
3200 / 3198	DEF AT - - - - -	DEF AT 4
3650 / 3647	DEF AT - - - - -	DEF AT 5
5840 / 5828	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7370 / 7351	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7371 / 7352	DEF AT Arenaceous fauna (local marker)	DEF AT 5
7520 / 7501	DEF AT - - - - -	DEF AT 6
7700 / 7680	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
7790 / 7770	DEF AT anhydrite	DEF AT
7850 / 7830	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 403	Date of Summary: 29-AUG-1975	First Sample Examined: 1000
Lease Number: G02766	Source of Paleo: OPERATOR	Borehole MD: 7404
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7403
API Well Number: 427114011700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7410	Water Depth: 436
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 3
2890 / 2889	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3370 / 3369	DEF AT - - - - -	DEF AT 5
3700 / 3699	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6940 / 6939	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7270 / 7269	DEF AT anhydrite	DEF AT
7410 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: HI A 415	Date of Summary: 09-MAY-1986	First Sample Examined: 2893
Lease Number: G07332	Source of Paleo: OPERATOR	Borehole MD: 8158
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8158
API Well Number: 427094083300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 830 - 7880	Water Depth: 139
Public Info Code: Y 30-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2893 / 2893	DEF AT first sample examined	DEF AT 2
3331 / 3331	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5205 / 5205	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7818 / 7817	DEF AT - - - - -	DEF AT 3
7880 / 7879	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 417	Date of Summary: 01-APR-1986	First Sample Examined: 3500
Lease Number: G04577	Source of Paleo: OPERATOR	Borehole MD: 8135
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8134
API Well Number: 427094084300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3500 - 8133	Water Depth: 153
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 2
3501 / 3501	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4460 / 4460	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5750 / 5749	DEF AT - - - - -	DEF AT 3
5840 / 5839	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6260 / 6259	DEF AT - - - - -	DEF AT 2
6560 / 6559	DEF AT - - - - -	DEF AT 3
6740 / 6739	DEF AT - - - - -	DEF AT 2
7940 / 7939	DEF AT - - - - -	DEF AT 3
8133 / 8132	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 419	Date of Summary: 10-DEC-1974	First Sample Examined: 1104
Lease Number: G02687	Source of Paleo: OPERATOR	Borehole MD: 8358
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8357
API Well Number: 427094006300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1104 - 8358	Water Depth: 140
Public Info Code: Y 25-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1104 / 1104	DEF AT first sample examined	DEF AT
1220 / 1220	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3340 / 3340	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4090 / 4089	DEF AT - - - - -	DEF AT 3
5800 / 5799	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5860 / 5859	DEF AT - - - - -	DEF AT 4
6190 / 6189	DEF AT - - - - -	POS AT 5
8170 / 8169	DEF AT - - - - -	DEF AT 5
8230 / 8229	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8358 / 8357	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-1987

Area Block: HI A 419	Date of Summary: 05-JUL-1979	First Sample Examined: 980
Lease Number: G02687	Source of Paleo: OPERATOR	Borehole MD: 9084
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8105
API Well Number: 427094034000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 980 - 9084	Water Depth: 152
Public Info Code: Y 25-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
980 / 980	DEF AT first sample examined	DEF AT 2
1250 / 1250	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2410 / 2380	DEF AT local marker foram increase	DEF AT 3
2550 / 2511	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3150 / 3028	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3420 / 3243	DEF AT sample gap top	POS AT 3
3689 / 3454	DEF AT sample gap bottom	DEF AT 2
3690 / 3455	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4690 / 4288	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4930 / 4492	DEF AT - - - - -	DEF AT 2
6520 / 5861	DEF AT - - - - -	DEF AT 4
6640 / 5967	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6820 / 6126	DEF AT - - - - -	DEF AT 2
8040 / 7207	DEF AT - - - - -	DEF AT 3
9020 / 8050	POS AT unconformity	DEF AT 3
9053 / 8078	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9084 / 8105	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 419	Date of Summary: 02-APR-1980	First Sample Examined: 2640
Lease Number: G02687	Source of Paleo: OPERATOR	Borehole MD: 8425
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8147
API Well Number: 427094050200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2640 - 9250	Water Depth: 150
Public Info Code: Y 25-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2640 / 2593	DEF AT first sample examined	DEF AT 3
2730 / 2680	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3210 / 3143	DEF AT - - - - -	DEF AT 2
5560 / 5410	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
9250 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

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Area Block: HI A 422	Date of Summary: 24-JUL-1985	First Sample Examined: 3540
Lease Number: G07333	Source of Paleo: OPERATOR	Borehole MD: 8662
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8662
API Well Number: 427094082500	Drilling Operator: TEXACO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3540 - 8670	Water Depth: 145
Public Info Code: Y 31-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 / 3540	DEF AT first sample examined	DEF AT 1
3541 / 3541	DEF IN cement	DEF AT 1
3630 / 3630	DEF AT - - - - -	DEF AT 1
4080 / 4080	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4290 / 4290	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4470 / 4470	DEF AT - - - - -	DEF AT 1
5760 / 5760	DEF AT - - - - -	DEF AT 2
5790 / 5790	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
6000 / 6000	DEF AT - - - - -	DEF AT 3
6180 / 6180	DEF AT - - - - -	DEF AT 2
6300 / 6300	DEF AT local marker foram increase	DEF AT 3
6450 / 6450	DEF AT local marker foram increase	DEF AT 3
8160 / 8159	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8399 / 8397	DEF AT foram flood	DEF AT 5
8400 / 8398	DEF AT local marker planktic foram increase	DEF AT 5
8550 / 8548	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 5
8670 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 440	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9535
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7686
API Well Number: 427094071700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 158
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2800 / 2800	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4660 / 4625	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6130 / 5778	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-1987

Area Block: HI A 440	Date of Summary: 14-FEB-1985	First Sample Examined: 900
Lease Number: G04581	Source of Paleo: OPERATOR	Borehole MD: 7382
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7195
API Well Number: 427094081600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 900 - 7350	Water Depth: 140
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	POS AT 2
901 / 901	DEF AT cement	POS AT 2
1070 / 1070	DEF AT - - - - -	DEF AT 2
1370 / 1370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2060 / 2056	DEF AT - - - - -	DEF AT 1
2330 / 2320	DEF AT - - - - -	DEF AT 3
2540 / 2523	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2820 / 2790	DEF AT cement	POS AT 3
3010 / 2972	DEF AT - - - - -	DEF AT 1
3070 / 3029	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3280 / 3230	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3400 / 3345	DEF AT - - - - -	DEF AT 2
4300 / 4208	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6040 / 5890	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
6398 / 6237	DEF AT Bathysiphon fauna	DEF AT 4
6399 / 6238	DEF AT Eggerella 3 (local marker)	DEF AT 4
6400 / 6239	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7350 / 7164	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-1987

Area Block: HI A 440	Date of Summary: 14-FEB-1985	First Sample Examined: 3540
Lease Number: G04581	Source of Paleo: OPERATOR	Borehole MD: 7877
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7502
API Well Number: 427094081601	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3540 - 7850	Water Depth: 140
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3540 / 3470	DEF AT first sample examined	DEF AT 2
3990 / 3883	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6270 / 5999	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
6420 / 6140	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
7310 / 6974	DEF AT - - - - -	DEF AT 3
7850 / 7477	DEF AT last sample examined	DEF AT 3

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GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 441	Date of Summary: 02-NOV-1984	First Sample Examined: 0
Lease Number: G04079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9004
API Well Number: 427094080600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 165
Public Info Code: Y 30-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3370 / 3369	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
4840 / 4782	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 20-APR-1974	First Sample Examined: 1000
Lease Number: G02358	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8500
API Well Number: 427094001000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8500	Water Depth: 167
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 2
1001 /	DEF AT gray shale	POS AT 2
1420 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2470 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3070 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3250 /	DEF AT siltstone	DEF AT 2
3400 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4600 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4660 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4750 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
5500 /	DEF AT siltstone	DEF AT 2
5710 /	DEF AT - - - -	DEF AT 3
6250 /	DEF AT - - - -	DEF AT 4
6820 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
6970 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7000 /	DEF AT - - - -	DEF IN 3
7239 /	POS AT Bathysiphon fauna	DEF IN 3
7240 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 3
7420 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
7570 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
7690 /	DEF AT local marker foram increase	DEF AT 5
7750 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5

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Start Date: 01-JAN-1947

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Area Block: HI A 442	Date of Summary: 20-APR-1974	First Sample Examined: 1000
Lease Number: G02358	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8500
API Well Number: 427094001000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8500	Water Depth: 167
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7780 /	DEF AT local marker planktic foram increase	DEF IN 4
7810 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
7870 /	DEF AT foram flood	DEF IN 5
8199 /	DEF AT Arenaceous fauna (local marker)	DEF IN 5
8200 /	DEF IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
8201 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 5
8440 /	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
8500 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 10-AUG-1978	First Sample Examined: 1100
Lease Number: G02358	Source of Paleo: OPERATOR	Borehole MD: 9596
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9159
API Well Number: 427094003400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1100 - 9590	Water Depth: 172
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF AT 2
1370 / 1370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1520 / 1520	DEF AT - - - - -	DEF IN 2
2330 / 2327	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2720 / 2707	DEF AT - - - - -	DEF IN 2
3260 / 3226	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4580 / 4467	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5209 / 5050	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5210 / 5051	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
6890 / 6613	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8929 / 8530	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
8930 / 8531	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9200 / 8785	DEF AT - - - - -	DEF AT 7
9469 / 9039	DEF AT local marker deep water fauna	DEF AT 7
9470 / 9040	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 7
9590 / 9153	DEF AT last sample examined	DEF AT 7

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 30-NOV-1978	First Sample Examined: 1050
Lease Number: G02358	Source of Paleo: OPERATOR	Borehole MD: 8355
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7057
API Well Number: 427094037500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8350	Water Depth: 170
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 / 1050	DEF AT first sample examined	DEF AT 2
1350 / 1350	DEF AT - - - - -	DEF AT 3
1470 / 1470	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1530 / 1530	DEF AT - - - - -	DEF AT 2
2520 / 2520	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2660 / 2660	DEF AT - - - - -	DEF AT 2
3530 / 3511	DEF AT - - - - -	DEF AT 3
3560 / 3539	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4219 / 4141	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4220 / 4142	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6266 / 5657	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6700 / 5963	DEF AT - - - - -	DEF AT 4
7190 / 6310	DEF AT - - - - -	DEF AT 3
8149 / 6931	POS AT unconformity	DEF AT 5
8150 / 6931	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
8350 / 7054	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 20-MAR-1979	First Sample Examined: 910
Lease Number: G02358	Source of Paleo: OPERATOR	Borehole MD: 8700
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8507
API Well Number: 427094040300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 910 - 8700	Water Depth: 163
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
910 / 910	DEF AT first sample examined	DEF AT 2
1360 / 1360	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1540 / 1540	DEF AT - - - - -	DEF IN 2
2670 / 2670	DEF AT - - - - -	DEF AT 3
2730 / 2730	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3450 / 3444	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4590 / 4554	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4859 / 4816	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
4860 / 4817	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6330 / 6245	DEF AT sample gap top	POS IN 3
6630 / 6536	DEF AT sample gap bottom	DEF IN 3
7050 / 6942	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8132 / 7979	DEF AT - - - - -	DEF IN 3
8700 / 8507	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 03-JUL-1979	First Sample Examined: 2625
Lease Number: G02358	Source of Paleo: OPERATOR	Borehole MD: 8655
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8655
API Well Number: 427094040800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2625 - 8650	Water Depth: 167
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2625 / 2625	DEF AT first sample examined	DEF AT 2
2626 / 2626	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3070 / 3070	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3250 / 3250	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4430 / 4430	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4810 / 4810	DEF AT - - - - -	DEF AT 2
6440 / 6440	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6669 / 6669	DEF AT Eggerella 3 (local marker)	DEF AT 4
6670 / 6670	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6970 / 6970	DEF AT sample gap top	POS AT 4
8210 / 8210	DEF AT sample gap bottom	DEF AT 3
8270 / 8270	DEF AT - - - - -	DEF AT 4
8450 / 8450	DEF AT - - - - -	DEF AT 3
8622 / 8622	DEF AT local marker deep water fauna	DEF AT 5
8623 / 8623	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8650 / 8650	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 02-NOV-1979	First Sample Examined: 627
Lease Number: G02358	Source of Paleo: OPERATOR	Borehole MD: 8421
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8421
API Well Number: 427094048200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 627 - 8421	Water Depth: 170
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
627 / 627	DEF AT first sample examined	DEF AT 2
1280 / 1280	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2331 / 2331	DEF AT - - - - -	DEF AT 3
2429 / 2429	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2700 / 2700	DEF AT - - - - -	DEF AT 2
3210 / 3210	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3760 / 3760	DEF AT sample gap top	POS AT 2
4770 / 4770	DEF AT sample gap bottom	DEF AT 3
4979 / 4979	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4980 / 4980	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6891 / 6891	DEF AT sample gap top	POS AT 3
7510 / 7510	DEF AT sample gap bottom	DEF AT 3
8221 / 8221	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8421 / 8421	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 442	Date of Summary: 17-APR-1980	First Sample Examined: 2600
Lease Number: G02358	Source of Paleo: OPERATOR	Borehole MD: 9580
Well Name: 009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7752
API Well Number: 427094051500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2600 - 9580	Water Depth: 166
Public Info Code: Y 27-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2600 / 2596	DEF AT first sample examined	DEF AT 3
3380 / 3360	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4940 / 4602	DEF AT local marker benthic foram increase	DEF AT 3
5059 / 4681	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5060 / 4682	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5210 / 4783	DEF AT - - - - -	DEF AT 3
6200 / 5465	DEF AT sample gap top	POS AT 3
6600 / 5739	DEF AT sample gap bottom	DEF AT 3
7289 / 6205	DEF AT Bathysiphon fauna	DEF AT 4
7290 / 6205	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9350 / 7591	DEF AT - - - - -	DEF AT 5
9430 / 7646	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9580 / 7752	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 443	Date of Summary: 12-JUN-1978	First Sample Examined: 1210
Lease Number: G03241	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9463
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9177
API Well Number: 427094024800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1210 - 9450	Water Depth: 175
Public Info Code: Y 16-JAN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1210 / 1210	DEF AT first sample examined	POS AT 2
1270 / 1270	DEF AT pyrite	POS AT 2
1491 / 1491	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1620 / 1620	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2680 / 2680	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3400 / 3400	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3720 / 3720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3840 / 3840	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5350 / 5350	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5380 / 5380	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5910 / 5910	DEF AT pyrite	DEF AT 3
6420 / 6415	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6810 / 6792	DEF AT local marker planktic foram increase	DEF AT 3
7020 / 6991	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7410 / 7357	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
7890 / 7789	DEF AT pyrite	DEF AT 5
7920 / 7815	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8790 / 8583	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9180 / 8927	DEF AT Bathysiphon fauna	DEF AT 4
9300 / 9032	POS AT Eggerella 3 (local marker)	DEF AT 5
9450 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 444	Date of Summary: 08-SEP-1983	First Sample Examined: 460
Lease Number: G04582	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10261
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10140
API Well Number: 427094065900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 460 - 10250	Water Depth: 180
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
460 / 460	DEF AT first sample examined	DEF AT 2
760 / 760	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1490 / 1490	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2690 / 2687	DEF AT local marker deep water fauna	DEF AT 3
2780 / 2775	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3200 / 3183	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3980 / 3924	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4670 / 4585	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5660 / 5543	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5690 / 5573	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6080 / 5960	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
6800 / 6679	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
7490 / 7369	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
7670 / 7549	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
7790 / 7669	DEF AT poor sample interval top	DEF AT 3
8870 / 8749	DEF AT Bathysiphon fauna	DEF AT 3
9890 / 9769	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10130 / 10009	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10249 / 10128	DEF AT poor sample interval bottom	DEF AT 3
10250 / 10129	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 445	Date of Summary: 11-FEB-1982	First Sample Examined: 1410
Lease Number: G04583	Source of Paleo: OPERATOR	Borehole MD: 9663
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9663
API Well Number: 427094069100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1410 - 9630	Water Depth: 168
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1410 / 1410	DEF AT first sample examined	DEF AT
1440 / 1440	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2730 / 2730	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3750 / 3750	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4260 / 4260	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
4920 / 4920	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5280 / 5280	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
5490 / 5490	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6150 / 6150	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6151 / 6151	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7620 / 7619	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9600 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
9630 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 446	Date of Summary: 10-FEB-1974	First Sample Examined: 700
Lease Number: G02359	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9479
API Well Number: 427094000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 700 - 9500	Water Depth: 165
Public Info Code: Y 14-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
700 / 700	DEF AT first sample examined	POS AT 2
701 / 701	DEF AT cement	POS AT 2
1730 / 1730	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1910 / 1910	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2059 / 2059	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2060 / 2060	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2320 / 2320	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4139 / 4138	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4140 / 4139	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5620 / 5619	DEF AT Bathysiphon fauna	DEF AT 4
6180 / 6179	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
6210 / 6209	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6360 / 6358	DEF AT Eggerella 3 (local marker)	DEF AT 4
6960 / 6958	DEF AT Bathysiphon fauna	DEF AT 4
7260 / 7257	DEF AT pyrite	DEF AT 4
7589 / 7585	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
7590 / 7586	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
8300 / 8292	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8510 / 8500	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8720 / 8707	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8780 / 8767	POS IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
9380 / 9360	POS AT local marker deep water fauna	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 446	Date of Summary: 10-FEB-1974	First Sample Examined: 700
Lease Number: G02359	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9479
API Well Number: 427094000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 700 - 9500	Water Depth: 165
Public Info Code: Y 14-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9479	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 448	Date of Summary: 04-FEB-1974	First Sample Examined: 0
Lease Number: G02361	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9085
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9085
API Well Number: 427094001800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 06-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2530 /	DEF AT first sample examined	DEF IN 2
2950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4330 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6370 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6610 /	DEF AT - - - - -	DEF AT 5
6840 /	DEF AT - - - - -	DEF AT 6
7860 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
8840 /	POS AT gouge	DEF AT 6
9089 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 455	Date of Summary: 28-JAN-1982	First Sample Examined: 440
Lease Number: G04585	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 427094067500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 440 - 7500	Water Depth: 142
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
440 / 440	DEF AT first sample examined	DEF AT 1
2190 / 2189	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
3689 / 3688	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
3690 / 3689	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3970 / 3969	DEF AT faunal change (no faunal increase)	DEF AT 3
4930 / 4929	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
5140 / 5139	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
5170 / 5169	DEF AT sample gap top	POS AT 4
5530 / 5529	DEF AT sample gap bottom	DEF AT 3
5680 / 5679	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
5920 / 5919	DEF AT sample gap top	POS AT 3
6070 / 6069	DEF AT sample gap bottom	DEF AT 3
6220 / 6219	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
6279 / 6278	DEF AT Bathysiphon fauna	DEF AT 4
6280 / 6279	DEF AT Eggerella sp. (local marker)	DEF AT 4
6760 / 6759	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
7500 / 7499	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 455	Date of Summary: 24-MAR-1986	First Sample Examined: 3030
Lease Number: G04585	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7500
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 7500
API Well Number: 427094067500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 3030 - 7500	Water Depth: 142
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 3029	DEF AT first sample examined	DEF AT 1
3031 / 3030	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
3090 / 3089	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3690 / 3689	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4030 / 4029	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
4059 / 4058	DEF AT pyrite	DEF AT 2
4060 / 4059	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 2
4090 / 4089	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 2
4480 / 4479	DEF AT local marker foram increase	DEF AT 2
4930 / 4929	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
4990 / 4989	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5110 / 5109	DEF AT pyrite	POS AT 3
5139 / 5138	DEF AT foram flood	DEF AT 4
5140 / 5139	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5260 / 5259	DEF AT cement	POS AT 4
5560 / 5559	DEF AT Bathysiphon fauna	DEF AT 4
5680 / 5679	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
6220 / 6219	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
6370 / 6369	DEF AT foram flood	DEF AT 6
6400 / 6399	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
6730 / 6729	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
6760 / 6759	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 455	Date of Summary: 24-MAR-1986	First Sample Examined: 3030
Lease Number: G04585	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7500
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 7500
API Well Number: 427094067500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 3030 - 7500	Water Depth: 142
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
6820 / 6819	DEF AT reworked material	DEF AT 6
6850 / 6849	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6910 / 6909	DEF AT pyrite	DEF AT 6
6940 / 6939	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
6970 / 6969	DEF AT reworked material	DEF AT 6
7030 / 7029	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 6
7090 / 7089	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
7210 / 7209	DEF AT local marker foram increase	DEF AT 6
7270 / 7269	DEF AT local marker planktic foram increase	DEF AT 6
7330 / 7329	DEF AT pyrite	DEF AT 6
7360 / 7359	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
7500 / 7499	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 459	Date of Summary: 10-JUL-1984	First Sample Examined: 2000
Lease Number: G06225	Source of Paleo: OPERATOR	Borehole MD: 15007
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15001
API Well Number: 427094079600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 2000 - 15006	Water Depth: 154
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF IN 3
2540 / 2540	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3380 / 3380	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5090 / 5090	DEF AT - - - - -	DEF AT 4
5120 / 5120	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5630 / 5630	DEF AT - - - - -	DEF AT 5
6800 / 6800	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7220 / 7220	DEF AT - - - - -	DEF AT 4
7850 / 7850	DEF AT - - - - -	DEF AT 5
8060 / 8060	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
11510 / 11510	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 6
13070 / 13069	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 6
14180 / 14177	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
14510 / 14506	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
15006 / 15000	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 459	Date of Summary: 30-JUL-1985	First Sample Examined: 2000
Lease Number: G06225	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15007
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 15001
API Well Number: 427094079600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2000 - 15006	Water Depth: 154
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT 2
2060 / 2060	DEF AT faunal change (no faunal increase)	DEF AT 1
2450 / 2450	DEF AT faunal change (no faunal increase)	DEF AT 2
2540 / 2540	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3080 / 3080	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3380 / 3380	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3740 / 3740	DEF AT faunal change (no faunal increase)	DEF AT 1
5090 / 5090	DEF AT faunal change (no faunal increase)	DEF AT 2
5210 / 5210	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
5270 / 5270	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5330 / 5330	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5480 / 5480	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
5750 / 5750	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
6020 / 6020	POS IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
6200 / 6200	DEF AT local marker deep water fauna	DEF AT 4
6260 / 6260	DEF AT Bathysiphon fauna	DEF AT 4
6470 / 6470	DEF AT gray shale	DEF AT 3
6590 / 6590	DEF AT sand	DEF AT 2
6680 / 6680	DEF AT sand	DEF AT 1
6770 / 6770	POS AT local marker foram increase	DEF AT 2
6830 / 6830	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7280 / 7280	DEF AT sand	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 459	Date of Summary: 30-JUL-1985	First Sample Examined: 2000
Lease Number: G06225	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15007
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 15001
API Well Number: 427094079600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2000 - 15006	Water Depth: 154
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
7640 / 7640	DEF AT pyrite	DEF AT 2
7670 / 7670	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
7790 / 7790	DEF AT local marker deep water fauna	DEF AT 4
8030 / 8030	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
8060 / 8060	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8090 / 8090	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8240 / 8240	DEF AT pyrite	DEF AT 4
8540 / 8540	DEF AT Lower Pliocene (Zanclian) Sigmolite "P" / cf. schlumbergeri	DEF AT 4
8840 / 8840	DEF IN Lower Pliocene (Zanclian) Sigmolite "P" / cf. schlumbergeri	DEF AT 4
8870 / 8870	DEF AT Eggerella sp. (local marker)	DEF AT 5
9170 / 9170	DEF AT Bathysiphon fauna	DEF AT 5
9380 / 9380	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
9980 / 9980	DEF AT cement	POS AT 4
10160 / 10160	DEF AT local marker planktic foram increase	DEF AT 4
10400 / 10400	POS AT local marker planktic foram increase	DEF AT 5
10459 / 10459	DEF AT pyrite	DEF AT 6
10460 / 10460	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11180 / 11180	DEF AT Bathysiphon fauna	DEF AT 6
12800 / 12799	DEF AT faunal change (no faunal increase)	DEF AT 5
13070 / 13069	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
13280 / 13279	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
13940 / 13938	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
14300 / 14297	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
14510 / 14506	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 459	Date of Summary: 30-JUL-1985	First Sample Examined: 2000
Lease Number: G06225	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15007
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 15001
API Well Number: 427094079600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 2000 - 15006	Water Depth: 154
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15006 / 15000	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 461	Date of Summary: 03-FEB-1983	First Sample Examined: 0
Lease Number: G03947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8341
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7807
API Well Number: 427094073200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5120 / 4957	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6350 / 6039	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 464	Date of Summary: 01-AUG-1971	First Sample Examined: 640
Lease Number: G01428	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 3185
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 3185
API Well Number: 427094087400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 20
Paleo Report Num: 1 of 1	Sample Range: 640 - 3186	Water Depth: 168
Public Info Code: Y 27-DEC-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sulphur core test 13-2

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
640 /	DEF AT first sample examined	DEF IN 4
800 /	POS IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
880 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
1010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
1130 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 3
1380 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
1410 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1570 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
1610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1770 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
2320 /	DEF AT - - - -	DEF AT 3
2640 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2650 /	DEF AT pyrite	DEF AT 3
2740 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3150 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 3
3186 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 464	Date of Summary: 11-JUN-1974	First Sample Examined: 420
Lease Number: G02364	Source of Paleo: OPERATOR	Borehole MD: 7400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7400
API Well Number: 427094001200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 420 - 5100	Water Depth: 172
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
420 / 420	DEF AT first sample examined	DEF AT
900 / 900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2220 / 2220	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
3210 / 3210	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5100 / 5099	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 464	Date of Summary: 11-JUN-1974	First Sample Examined: 390
Lease Number: G02364	Source of Paleo: OPERATOR	Borehole MD: 8646
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8646
API Well Number: 427094003300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 390 - 8610	Water Depth: 171
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
390 / 390	DEF AT first sample examined	DEF AT
1230 / 1230	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2340 / 2340	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
3240 / 3240	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4200 / 4200	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6360 / 6360	POS AT unconformity	DEF AT
8220 / 8220	DEF AT local marker deep water fauna	DEF AT
8610 / 8610	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 465	Date of Summary: 22-APR-1974	First Sample Examined: 0
Lease Number: G02365	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8754
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7968
API Well Number: 427094003600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 177
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT - - - - -	DEF IN 3
1600 / 1589	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2920 / 2791	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5290 / 4904	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
5740 / 5307	DEF AT - - - - -	DEF AT 4
5920 / 5468	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5980 / 5522	DEF AT - - - - -	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 465	Date of Summary: 16-JUL-1976	First Sample Examined: 1000
Lease Number: G02365	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8500
API Well Number: 427094016700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8500	Water Depth: 177
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
1300 / 1300	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
1390 / 1390	DEF AT local marker foram increase	DEF IN 3
2770 / 2770	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
3160 / 3160	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4450 / 4450	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
4539 / 4539	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
4540 / 4540	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
4660 / 4660	DEF AT - - - - -	DEF AT 4
4870 / 4870	DEF AT local marker foram increase	DEF AT 4
5180 / 5179	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
5808 / 5807	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5809 / 5808	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5810 / 5809	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7340 / 7336	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
7910 / 7905	DEF AT Bathysiphon fauna	DEF AT 5
8020 / 8015	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
8230 / 8225	DEF AT local marker foram increase	DEF AT 6
8440 / 8435	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 6
8500 / 8495	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 466	Date of Summary: 01-AUG-1976	First Sample Examined: 360
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 11315
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11315
API Well Number: 427094013400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 360 - 11320	Water Depth: 180
Public Info Code: Y 04-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 / 360	DEF AT first sample examined	DEF AT 2
450 / 450	DEF AT - - - - -	DEF AT 1
1330 / 1330	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1450 / 1450	DEF AT shell fragments	DEF AT 1
2530 / 2530	DEF AT - - - - -	DEF AT 2
2650 / 2650	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3010 / 3010	DEF AT - - - - -	DEF AT 1
3640 / 3640	DEF AT - - - - -	DEF AT 2
3670 / 3670	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3820 / 3820	DEF AT local marker foram decrease	DEF AT 1
4330 / 4330	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4870 / 4870	DEF AT - - - - -	DEF AT 2
5020 / 5020	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5200 / 5200	DEF AT - - - - -	DEF AT 1
5530 / 5530	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
5800 / 5800	DEF AT - - - - -	DEF AT 3
5830 / 5830	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
6460 / 6460	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
6640 / 6640	DEF AT - - - - -	DEF AT 3
7180 / 7180	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
7210 / 7210	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
7360 / 7360	POS AT local marker foram decrease	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 466	Date of Summary: 01-AUG-1976	First Sample Examined: 360
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 11315
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11315
API Well Number: 427094013400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 360 - 11320	Water Depth: 180
Public Info Code: Y 04-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7900	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
8380 / 8379	DEF AT Bathysiphon fauna	DEF AT 3
8980 / 8979	POS AT fault	DEF AT 3
9820 / 9819	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9910 / 9909	DEF AT foram flood	DEF AT 6
10090 / 10089	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
10120 / 10119	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10150 / 10149	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
10510 / 10509	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10870 / 10869	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
10960 / 10959	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
11110 / 11109	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
11140 / 11139	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
11289 / 11288	DEF AT pyrite	DEF AT 5
11290 / 11289	DEF AT foram flood	DEF AT 5
11320 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 466	Date of Summary: 27-FEB-1977	First Sample Examined: 3500
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 9622
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8677
API Well Number: 427094019600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9650	Water Depth: 185
Public Info Code: Y 14-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 1
3650 / 3650	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3710 / 3710	DEF AT pyrite	DEF AT 2
3711 / 3711	DEF AT limestone	DEF AT 2
4070 / 4069	DEF AT - - - - -	DEF AT 1
4550 / 4541	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
4580 / 4570	DEF AT - - - - -	DEF AT 2
5180 / 5122	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5570 / 5449	DEF AT - - - - -	DEF AT 2
6380 / 6072	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7190 / 6713	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9140 / 8299	DEF AT - - - - -	DEF AT 4
9650 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 466	Date of Summary: 01-OCT-1977	First Sample Examined: 3340
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 10604
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8818
API Well Number: 427094022300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 3340 - 8250	Water Depth: 185
Public Info Code: Y 05-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3340 / 3340	DEF AT first sample examined	DEF AT 1
3341 / 3341	DEF IN shell fragments	DEF AT 1
3630 / 3630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3660 / 3660	DEF AT pyrite	DEF AT 2
3780 / 3780	DEF AT limestone	DEF AT 2
4080 / 4080	DEF AT faunal change (no faunal increase)	DEF AT 1
4380 / 4380	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4620 / 4618	DEF AT limestone	DEF AT 1
4890 / 4881	DEF AT sample gap top	POS AT 1
4980 / 4967	DEF AT sample gap bottom	DEF AT 1
5010 / 4996	DEF AT faunal change (no faunal increase)	DEF AT 2
5100 / 5082	POS AT fault	DEF AT
5130 / 5110	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5220 / 5194	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2
5430 / 5384	DEF AT faunal change (no faunal increase)	DEF AT 3
5460 / 5410	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5700 / 5606	DEF AT pyrite	DEF AT 3
6000 / 5834	DEF AT faunal change (no faunal increase)	DEF AT 2
6001 / 5834	DEF AT poor sample interval top	DEF AT 2
6540 / 6229	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7230 / 6737	DEF AT sample gap top	POS AT 2
7290 / 6776	DEF AT sample gap bottom	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 466	Date of Summary: 01-OCT-1977	First Sample Examined: 3340
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 10604
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8818
API Well Number: 427094022300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 3340 - 8250	Water Depth: 185
Public Info Code: Y 05-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 / 6815	DEF AT sample gap top	POS AT 2
7440 / 6874	DEF AT sample gap bottom	DEF AT 2
7529 / 6933	DEF AT poor sample interval bottom	DEF AT 2
7530 / 6933	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7920 / 7189	DEF AT faunal change (no faunal increase)	DEF AT 2
8250 / 7399	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 466	Date of Summary: 01-OCT-1977	First Sample Examined: 7087
Lease Number: G03242	Source of Paleo: OPERATOR	Borehole MD: 10604
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8818
API Well Number: 427094022300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 7087 - 10560	Water Depth: 185
Public Info Code: Y 05-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7087 / 6638	DEF AT cement	DEF AT
7590 / 6973	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
8820 / 7739	DEF AT poor sample interval top	DEF AT 3
10049 / 8468	DEF AT poor sample interval bottom	DEF AT 3
10050 / 8468	DEF AT local marker (general)	DEF AT 4
10051 / 8469	POS AT gray shale	DEF AT 4
10140 / 8524	DEF AT gray shale	DEF AT 5
10410 / 8693	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10560 / 8789	DEF AT local marker deep water fauna	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 467	Date of Summary: 11-OCT-1974	First Sample Examined: 1030
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 10641
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10641
API Well Number: 427094005900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1030 - 10641	Water Depth: 186
Public Info Code: Y 29-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF AT 1
1390 / 1390	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1870 / 1870	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2680 / 2680	DEF AT pyrite	DEF AT 1
2740 / 2740	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
2920 / 2920	DEF AT pyrite	DEF AT 2
3010 / 3010	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3160 / 3160	DEF AT faunal change (no faunal increase)	DEF AT 1
3700 / 3700	DEF AT faunal change (no faunal increase)	DEF AT 2
3880 / 3879	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4150 / 4145	DEF AT local marker foram decrease	DEF AT 2
4180 / 4174	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4360 / 4350	DEF AT faunal change (no faunal increase)	DEF AT 1
4420 / 4408	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5260 / 5160	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 2
5500 / 5349	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	POS AT 2
5530 / 5372	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5830 / 5592	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
5980 / 5702	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
6960 / 6433	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
7120 / 6554	POS AT unconformity	DEF AT 3
8025 / 7242	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 467	Date of Summary: 11-OCT-1974	First Sample Examined: 1030
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 10641
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10641
API Well Number: 427094005900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1030 - 10641	Water Depth: 186
Public Info Code: Y 29-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8800 / 7835	DEF AT local marker foram decrease	DEF AT 3
9269 / 8175	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
9270 / 8176	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
10056 / 8743	DEF AT local marker foram decrease	DEF AT 3
10610 / 9163	DEF AT local marker foram increase	DEF AT 4
10641 / 9187	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 467	Date of Summary: 20-NOV-1974	First Sample Examined: 5500
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 11738
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10002
API Well Number: 427094005901	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5500 - 11738	Water Depth: 186
Public Info Code: Y 01-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5500 / 5344	DEF AT first sample examined	DEF AT
5700 / 5492	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
5940 / 5667	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
5970 / 5689	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
7460 / 6806	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9110 / 8054	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
9140 / 8075	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10300 / 8919	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
11660 / 9946	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11738 / 10003	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 467	Date of Summary: 12-OCT-1976	First Sample Examined: 3680
Lease Number: G02688	Source of Paleo: OPERATOR	Borehole MD: 10090
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10090
API Well Number: 427094012000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 3680 - 10090	Water Depth: 186
Public Info Code: Y 10-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3680 / 3680	DEF AT first sample examined	DEF AT
3768 / 3768	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3770 / 3770	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
5690 / 5689	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
6050 / 6049	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6260 / 6259	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT
6440 / 6439	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
6500 / 6499	DEF AT local marker foram decrease	DEF AT
6740 / 6739	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
7040 / 7038	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
7100 / 7098	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
7340 / 7338	DEF AT Bathysiphon fauna	DEF AT
7610 / 7608	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
9650 / 9648	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
9860 / 9858	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
10090 / 10088	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 468	Date of Summary: 30-SEP-1983	First Sample Examined: 0
Lease Number: G03754	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10068
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9576
API Well Number: 427094075300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 26-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3910	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5620 / 5620	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8000 / 7854	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 469	Date of Summary: 10-SEP-1984	First Sample Examined: 1000
Lease Number: G02689	Source of Paleo: OPERATOR	Borehole MD: 10681
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10681
API Well Number: 427094005700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10680	Water Depth: 203
Public Info Code: Y 27-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT
1720 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4210 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4600 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9820 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10680 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 471	Date of Summary: 05-MAY-1979	First Sample Examined: 1660
Lease Number: G02690	Source of Paleo: OPERATOR	Borehole MD: 10059
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9522
API Well Number: 427094009900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1660 - 10059	Water Depth: 190
Public Info Code: Y 27-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1660 / 1660	DEF AT first sample examined	DEF AT
1661 / 1661	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4110 / 4024	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 6886	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7590 / 7253	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8790 / 8371	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
10059 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 14-NOV-1973	First Sample Examined: 1080
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 8806
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8806
API Well Number: 427094001500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1080 - 8800	Water Depth: 177
Public Info Code: Y 12-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1080 /	DEF AT first sample examined	DEF IN 2
1800 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5810 /	DEF AT - - - - -	DEF AT 4
7040 /	DEF AT - - - - -	DEF AT 5
7950 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8440 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
8800 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 09-APR-1974	First Sample Examined: 1080
Lease Number: G02366	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8806
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 8806
API Well Number: 427094001500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1080 - 8800	Water Depth: 177
Public Info Code: Y 12-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1080 /	DEF AT first sample examined	POS AT 2
1081 /	DEF AT cement	POS AT 2
1740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1800 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1860 /	DEF AT local marker foram decrease	DEF AT 2
2160 /	DEF AT cement	DEF AT 2
2580 /	DEF AT siltstone	DEF AT 2
2640 /	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
2700 /	POS IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2820 /	DEF AT pyrite	DEF AT 2
3650 /	DEF AT local marker foram increase	DEF AT 2
3680 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4010 /	DEF AT pyrite	DEF AT 2
4280 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
5000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5060 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5210 /	DEF AT pyrite	DEF AT 2
5270 /	DEF AT - - - - -	DEF IN 2
5300 /	DEF AT - - - - -	DEF AT 2
5750 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	POS AT 3
5810 /	DEF AT local marker foram increase	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 09-APR-1974	First Sample Examined: 1080
Lease Number: G02366	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8806
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 8806
API Well Number: 427094001500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1080 - 8800	Water Depth: 177
Public Info Code: Y 12-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
5870 /	DEF AT - - - - -	DEF IN 3
6530 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7010 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7040 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
7959 /	POS AT reworked material	POS AT 4
7960 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	POS AT 4
8230 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8409 /	DEF AT local marker deep water fauna	DEF AT 5
8410 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
8470 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8500 /	DEF AT local marker planktic foram increase	DEF AT 5
8530 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
8560 /	DEF AT foram flood	POS AT 5
8590 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
8770 /	POS AT pyrite	POS AT 5
8771 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
8800 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 18-AUG-1976	First Sample Examined: 870
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 6295
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5109
API Well Number: 427094017100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 870 - 6300	Water Depth: 173
Public Info Code: Y 14-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
870 / 870	DEF AT first sample examined	DEF IN 2
2040 / 1995	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3990 / 3407	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5130 / 4235	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6300 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 07-MAR-1977	First Sample Examined: 2930
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 13665
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9942
API Well Number: 427094022800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 2930 - 13665	Water Depth: 173
Public Info Code: Y 28-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2930 / 2705	DEF AT first sample examined	DEF AT 3
2931 / 2706	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4160 / 3524	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6980 / 5499	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7790 / 6063	DEF AT faunal change (no faunal increase)	DEF AT 4
9980 / 7502	DEF AT faunal change (no faunal increase)	DEF AT 5
10310 / 7721	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13665 / 9940	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 29-MAR-1977	First Sample Examined: 3230
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 7930
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4932
API Well Number: 427094023500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 3230 - 7940	Water Depth: 173
Public Info Code: Y 25-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3230 / 2740	DEF AT first sample examined	DEF IN 3
4490 / 3259	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7190 / 4572	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7940 /	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 23-JUN-1977	First Sample Examined: 3270
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 13644
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8702
API Well Number: 427094024300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 3270 - 13650	Water Depth: 173
Public Info Code: Y 07-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 / 2840	DEF AT first sample examined	DEF IN 3
4830 / 3647	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7050 / 4909	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
8400 / 5638	DEF AT faunal change (no faunal increase)	DEF AT 4
9450 / 6188	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13650 /	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 15-SEP-1977	First Sample Examined: 2950
Lease Number: G02366	Source of Paleo: OPERATOR	Borehole MD: 11429
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8925
API Well Number: 427094027700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 2950 - 11429	Water Depth: 173
Public Info Code: Y 12-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2950 / 2695	DEF AT first sample examined	DEF AT 3
2951 / 2696	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4150 / 3586	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6250 / 5126	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6880 / 5569	DEF AT faunal change (no faunal increase)	DEF AT 4
7210 / 5782	DEF AT faunal change (no faunal increase)	DEF AT 5
8890 / 6954	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11429 / 8925	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 20-APR-1974	First Sample Examined: 1200
Lease Number: G02366	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5260
Well Name: A018	Paleo Done By: WING GEE	Borehole TVD: 5260
API Well Number: 427094001300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1200 - 5270	Water Depth: 178
Public Info Code: Y 22-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF AT 2
1440 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2040 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2520 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2700 /	DEF AT pyrite	DEF AT 2
2820 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3480 /	DEF AT siltstone	DEF AT 2
3770 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
3920 /	DEF AT local marker foram increase	DEF AT 2
3980 /	DEF AT local marker foram decrease	DEF AT 2
4100 /	DEF AT pyrite	DEF AT 2
4370 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4670 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5210 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5270 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 474	Date of Summary: 01-DEC-1977	First Sample Examined: 2880
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 7400
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6450
API Well Number: 427094028500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 2880 - 7380	Water Depth: 173
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2880 / 2685	DEF AT first sample examined	DEF IN 3
2910 / 2709	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5220 / 4534	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
5760 / 4970	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7380 / 6432	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 475	Date of Summary: 14-DEC-1973	First Sample Examined: 0
Lease Number: G02367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6229
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6229
API Well Number: 427094001900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 02-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1290 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4030 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5250 /	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 475	Date of Summary: 11-FEB-1974	First Sample Examined: 1000
Lease Number: G02367	Source of Paleo: OPERATOR	Borehole MD: 5214
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5214
API Well Number: 427094002900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5170	Water Depth: 171
Public Info Code: Y 21-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1150 /	DEF AT - - - - -	DEF AT 3
1450 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5050 /	DEF AT - - - - -	DEF AT 4
5170 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 475	Date of Summary: 29-MAY-1974	First Sample Examined: 0
Lease Number: G02367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 427094003900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 169
Public Info Code: Y 17-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT -----	DEF IN 2
1150 /	DEF AT -----	DEF AT 3
1480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5410 /	DEF AT -----	DEF AT 4
5810 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6820 /	DEF AT -----	DEF AT 5
8740 /	DEF AT -----	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 475	Date of Summary: 05-FEB-1975	First Sample Examined: 0
Lease Number: G02367	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5262
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5262
API Well Number: 427094005000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 167
Public Info Code: Y 16-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1320 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2590 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 481	Date of Summary: 25-JUN-1974	First Sample Examined: 380
Lease Number: G02369	Source of Paleo: OPERATOR	Borehole MD: 4240
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4240
API Well Number: 427094002500	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 380 - 4180	Water Depth: 158
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
380 /	DEF AT first sample examined	DEF AT 1
1020 /	DEF AT local marker (general)	DEF AT 1
1340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2180 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 1
2300 /	DEF AT glauconite	DEF AT 1
3380 /	DEF AT sample gap top	DEF AT
3419 /	DEF AT sample gap bottom	DEF AT
3420 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4180 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 483	Date of Summary: 27-MAY-1974	First Sample Examined: 0
Lease Number: G02370	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6178
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6178
API Well Number: 427094004200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 483	Date of Summary: 30-MAY-1974	First Sample Examined: 0
Lease Number: G02370	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6314
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5776
API Well Number: 427094004201	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 / 2820	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4410 / 4368	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 488	Date of Summary: 11-JUN-1974	First Sample Examined: 1211
Lease Number: G02371	Source of Paleo: OPERATOR	Borehole MD: 8582
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8582
API Well Number: 427094003700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1211 - 8582	Water Depth: 180
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1211 / 1211	DEF AT first sample examined	DEF AT 2
1350 / 1350	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1380 / 1380	DEF AT - - - - -	DEF AT 1
1980 / 1980	DEF AT sample gap top	POS AT 1
2220 / 2220	DEF AT sample gap bottom	DEF AT 2
2310 / 2310	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2790 / 2790	DEF AT - - - - -	DEF AT 1
2850 / 2850	DEF AT - - - - -	DEF AT 2
2910 / 2910	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3630 / 3630	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
4440 / 4440	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5610 / 5610	DEF AT local marker foram increase	DEF AT 5
6150 / 6150	DEF AT - - - - -	DEF AT 2
6720 /	DEF AT anhydrite	POS AT 6
7800 /	DEF AT local marker deep water fauna	DEF AT 6
8100 /	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8582 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 03-MAY-1974	First Sample Examined: 2744
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 5557
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5557
API Well Number: 427094002600	Drilling Operator: PENNZOIL OIL & GAS INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2744 - 5550	Water Depth: 174
Public Info Code: Y 30-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2744 /	DEF AT first sample examined	DEF AT 3
2745 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3510 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5070 /	DEF AT - - - - -	DEF AT 4
5190 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5310 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5550 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 14-JAN-1975	First Sample Examined: 840
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 11014
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10969
API Well Number: 427094003500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 840 - 11010	Water Depth: 180
Public Info Code: Y 09-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
840 / 840	DEF AT first sample examined	DEF IN 2
1320 / 1320	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1380 / 1380	DEF AT sample gap top	DEF AT 2
2670 / 2670	DEF AT sample gap bottom	DEF IN 3
3150 / 3150	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4140 / 4140	DEF AT - - - - -	DEF AT 4
4950 / 4950	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6690 / 6688	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7590 / 7584	DEF AT - - - - -	DEF AT 5
9810 / 9778	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9960 / 9927	DEF AT - - - - -	DEF AT 6
10560 / 10521	POS AT gouge	DEF AT 6
10890 / 10847	DEF AT anhydrite	DEF AT 6
11010 / 10965	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 05-AUG-1975	First Sample Examined: 845
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 10280
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8692
API Well Number: 427094010200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 845 - 10270	Water Depth: 178
Public Info Code: Y 29-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
845 / 845	DEF AT first sample examined	DEF IN 2
1760 / 1760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2770 / 2770	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4840 / 4785	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7840 / 7030	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7870 / 7052	DEF AT - - - - -	DEF AT 5
8260 / 7340	DEF AT - - - - -	DEF AT 4
9460 / 8137	DEF AT - - - - -	DEF AT 5
10270 / 8692	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 05-APR-1977	First Sample Examined: 2880
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 9970
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8956
API Well Number: 427094023800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 2880 - 9960	Water Depth: 182
Public Info Code: Y 30-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2880 / 2766	DEF AT first sample examined	DEF AT 3
2881 / 2767	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3030 / 2895	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5340 / 4897	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6540 / 5974	DEF AT - - - - -	DEF AT 4
6600 / 6029	DEF AT - - - - -	DEF AT 5
7320 / 6677	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9960 / 8948	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 16-MAY-1977	First Sample Examined: 3030
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 9950
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9013
API Well Number: 427094024600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3030 - 9950	Water Depth: 182
Public Info Code: Y 13-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 / 2895	DEF AT first sample examined	DEF AT 2
3150 / 3000	DEF AT - - - - -	DEF AT 3
3330 / 3158	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4970 / 4599	DEF AT - - - - -	DEF AT 4
5180 / 4786	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7940 / 7225	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9950 / 9013	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 13-APR-1977	First Sample Examined: 6180
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 9063
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8499
API Well Number: 427094023801	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 6180 - 9050	Water Depth: 182
Public Info Code: Y 10-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6180 / 5648	DEF AT first sample examined	DEF AT 3
6181 / 5649	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6660 / 6102	DEF AT - - - -	DEF AT 5
7340 / 6778	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9050 / 8486	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 07-JUL-1977	First Sample Examined: 3090
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 9911
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8647
API Well Number: 427094026500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 3090 - 9870	Water Depth: 182
Public Info Code: Y 31-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 / 2906	DEF AT first sample examined	DEF IN 4
3091 / 2906	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
5940 / 5255	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8610 / 7576	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9870 / 8614	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 489	Date of Summary: 28-OCT-1977	First Sample Examined: 3130
Lease Number: G02372	Source of Paleo: OPERATOR	Borehole MD: 10033
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8550
API Well Number: 427094028800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3130 - 10090	Water Depth: 180
Public Info Code: Y 18-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 2863	DEF AT first sample examined	DEF IN 3
3280 / 2982	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4480 / 3939	DEF AT - - - - -	DEF AT 4
5500 / 4766	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7540 / 6392	DEF AT - - - - -	DEF AT 5
8710 / 7380	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10090 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 490	Date of Summary: 15-DEC-1975	First Sample Examined: 3000
Lease Number: G03117	Source of Paleo: OPERATOR	Borehole MD: 9904
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9887
API Well Number: 427094011700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 29-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT
9900 / 9883	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 490	Date of Summary: 01-MAR-1976	First Sample Examined: 4195
Lease Number: G03117	Source of Paleo: OPERATOR	Borehole MD: 9310
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9306
API Well Number: 427094013300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4195 - 9310	Water Depth: 187
Public Info Code: Y 01-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4195 / 4195	DEF AT first sample examined	DEF AT
6960 / 6959	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9310 / 9306	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 494	Date of Summary: 18-NOV-1980	First Sample Examined: 4180
Lease Number: G03244	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14760
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 14760
API Well Number: 427094054600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4180 - 14763	Water Depth: 210
Public Info Code: Y 04-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4180 / 4180	DEF AT first sample examined	POS AT 2
4479 / 4479	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	POS AT 3
4480 / 4480	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	POS AT 3
4510 / 4510	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5170 / 5170	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 3
5590 / 5590	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 2
5980 / 5980	DEF AT local marker foram decrease	DEF AT 2
9850 / 9848	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
10090 / 10088	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
10150 / 10148	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	POS AT 3
10180 / 10178	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10300 / 10298	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10450 / 10447	DEF AT Bathysiphon fauna	DEF AT 4
13030 / 13021	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	POS AT 4
14110 / 14099	DEF AT cement	POS AT 4
14640 / 14628	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	POS AT 4
14762 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	POS AT 4
14763 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 496	Date of Summary: 20-MAR-1978	First Sample Examined: 505
Lease Number: G02373	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8981
API Well Number: 427094029500	Drilling Operator: OXY USA INC	Rkb Elevation: 89
Paleo Report Num: 1 of 3	Sample Range: 505 - 9000	Water Depth: 212
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Paleobathymetry from phone conversation

MD / TVD	Paleo Top Description	Ecozone
505 / 505	DEF AT first sample examined	DEF AT 1
1760 / 1760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2930 / 2930	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
3020 / 3020	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
3380 / 3380	DEF AT poor sample interval top	POS AT 1
3620 / 3620	DEF AT poor sample interval bottom	DEF AT 1
4190 / 4190	DEF AT local marker (general)	DEF AT 2
4310 / 4310	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
4550 / 4550	DEF AT poor sample interval top	POS AT 2
4819 / 4819	DEF AT poor sample interval bottom	DEF AT 1
4820 / 4820	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
5090 / 5090	DEF AT - - - -	DEF AT 1
6080 / 6079	DEF AT poor sample interval top	POS AT 1
7790 / 7785	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
8090 / 8080	DEF AT - - - -	DEF AT 1
8900 / 8882	DEF AT - - - -	DEF IN 1
8999 / 8980	DEF AT poor sample interval bottom	DEF IN 1
9000 / 8981	DEF AT last sample examined	DEF IN 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 496	Date of Summary: 07-SEP-1978	First Sample Examined: 505
Lease Number: G02373	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 8981
API Well Number: 427094029500	Drilling Operator: OXY USA INC	Rkb Elevation: 89
Paleo Report Num: 2 of 3	Sample Range: 505 - 9000	Water Depth: 212
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
505 / 505	DEF AT first sample examined	DEF AT 2
1760 / 1760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2930 / 2930	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3290 / 3290	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4220 / 4220	DEF AT - - - - -	DEF AT 4
4310 / 4310	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5270 / 5270	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6260 / 6259	DEF AT anhydrite	DEF AT 4
7250 / 7249	DEF AT - - - - -	DEF AT 5
8000 / 7992	DEF AT local marker foram increase	DEF AT 5
9000 / 8981	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 496	Date of Summary: 07-SEP-1978	First Sample Examined: 505
Lease Number: G02373	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 8981
API Well Number: 427094029500	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 89
Paleo Report Num: 3 of 3	Sample Range: 505 - 9000	Water Depth: 212
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
505 / 505	DEF AT first sample examined	DEF AT 2
860 / 860	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
1310 / 1310	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 2
1760 / 1760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1850 / 1850	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2030 / 2030	DEF AT pyrite	DEF AT 2
2840 / 2840	DEF AT local marker foram decrease	DEF AT 2
2929 / 2929	DEF AT pyrite	DEF AT 3
2930 / 2930	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3290 / 3290	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3500 / 3500	DEF AT local marker foram decrease	DEF AT 3
4220 / 4220	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4310 / 4310	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5270 / 5270	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5870 / 5870	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6260 / 6259	DEF AT anhydrite	DEF AT 4
6470 / 6469	DEF AT anhydrite	DEF AT 4
6530 / 6529	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7100 / 7099	DEF AT cement	DEF AT 4
7250 / 7249	DEF AT local marker planktic foram increase	DEF AT 5
9000 / 8981	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 497	Date of Summary: 27-MAY-1977	First Sample Examined: 395
Lease Number: G02691	Source of Paleo: OPERATOR	Borehole MD: 8817
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 427094024400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 395 - 8819	Water Depth: 223
Public Info Code: Y 05-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
395 / 395	DEF AT first sample examined	DEF AT 1
396 / 396	DEF IN shell fragments	DEF AT 1
672 / 672	DEF AT poor sample interval top	DEF AT 3
700 / 700	DEF AT shell fragments	DEF AT 2
880 / 880	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1420 / 1420	DEF AT cement	DEF AT 2
1480 / 1480	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1900 / 1900	DEF AT faunal change (no faunal increase)	DEF AT 1
2500 / 2500	DEF AT faunal change (no faunal increase)	DEF AT 2
2560 / 2560	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2740 / 2740	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3000 / 3000	DEF AT cement	DEF AT 2
3090 / 3090	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3510 / 3510	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4560 / 4559	DEF AT faunal change (no faunal increase)	DEF AT 3
5069 / 5068	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5070 / 5069	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5370 / 5369	DEF AT poor sample interval top	DEF AT 3
5700 / 5697	DEF AT cement	DEF AT 3
5790 / 5785	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5880 / 5873	DEF AT cement	DEF AT 3
6029 / 6016	DEF AT poor sample interval bottom	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 497	Date of Summary: 27-MAY-1977	First Sample Examined: 395
Lease Number: G02691	Source of Paleo: OPERATOR	Borehole MD: 8817
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 427094024400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 395 - 8819	Water Depth: 223
Public Info Code: Y 05-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6030 / 6017	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6300 / 6272	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
6450 / 6412	DEF AT faunal change (no faunal increase)	POS AT 3
6500 / 6459	DEF AT fault	POS AT 3
6540 / 6496	DEF AT poor sample interval top	POS AT 3
7109 / 7012	DEF AT poor sample interval bottom	POS AT 3
7110 / 7013	POS IN Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
7140 / 7040	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7530 / 7393	DEF AT poor sample interval top	POS AT 3
8488 / 8223	DEF AT poor sample interval bottom	DEF AT 3
8489 / 8224	DEF AT unconformity	DEF AT 3
8490 / 8224	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
8730 / 8427	DEF AT faunal change (no faunal increase)	DEF AT 4
8790 / 8478	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 497	Date of Summary: 01-JUN-1977	First Sample Examined: 1380
Lease Number: G02691	Source of Paleo: OPERATOR	Borehole MD: 10010
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10010
API Well Number: 427094026300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1380 - 10010	Water Depth: 211
Public Info Code: Y 05-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1380 / 1380	DEF AT first sample examined	DEF AT 2
1500 / 1500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2280 / 2280	DEF AT - - - - -	DEF AT 1
2640 / 2640	DEF AT - - - - -	DEF AT 2
2760 / 2760	DEF AT local marker foram increase	DEF AT 2
4310 / 4310	DEF AT - - - - -	DEF AT 3
4620 / 4620	DEF AT - - - - -	DEF AT 2
4800 / 4800	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5070 / 5070	DEF AT cement	DEF AT 2
5580 / 5580	DEF AT - - - - -	DEF AT 3
6150 / 6150	DEF AT cement	DEF AT 3
6360 / 6360	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6390 / 6390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6420 / 6420	DEF AT - - - - -	DEF AT 5
6690 / 6690	DEF AT cement	DEF AT 3
7020 / 7020	DEF AT cement	DEF AT 3
7110 / 7110	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7140 / 7140	DEF AT sample gap top	DEF AT
7410 / 7410	DEF AT sample gap bottom	DEF AT
7650 / 7650	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
7830 / 7830	DEF AT - - - - -	DEF AT 3
9370 / 9370	DEF AT local marker deep water fauna	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 497	Date of Summary: 01-JUN-1977	First Sample Examined: 1380
Lease Number: G02691	Source of Paleo: OPERATOR	Borehole MD: 10010
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10010
API Well Number: 427094026300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1380 - 10010	Water Depth: 211
Public Info Code: Y 05-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9720 / 9720	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9990 / 9990	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 497	Date of Summary: 22-AUG-1979	First Sample Examined: 0
Lease Number: G02691	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9200
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9199
API Well Number: 427094044800	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 05-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 / 3030	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
3120 / 3120	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3300 / 3300	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5580 / 5580	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6330 / 6330	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7020 / 7020	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9200 / 9199	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 500	Date of Summary: 30-MAR-1981	First Sample Examined: 915
Lease Number: G03309	Source of Paleo: OPERATOR	Borehole MD: 8896
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8896
API Well Number: 427094062400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 915 - 8896	Water Depth: 185
Public Info Code: Y 22-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
915 /	DEF AT first sample examined	POS AT 3
916 /	DEF AT cement	POS AT 3
1085 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1436 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2238 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2590 /	DEF AT poor sample interval top	POS AT 2
2619 /	DEF AT poor sample interval bottom	DEF AT 3
2620 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2650 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2980 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3220 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3850 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
4510 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4630 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5169 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
5170 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5590 /	DEF AT poor sample interval top	POS AT 4
6009 /	DEF AT poor sample interval bottom	DEF AT 5
6010 /	DEF AT local marker deep water fauna	DEF AT 5
6520 /	DEF AT local marker foram decrease	DEF AT 3
7060 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7239 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 500	Date of Summary: 30-MAR-1981	First Sample Examined: 915
Lease Number: G03309	Source of Paleo: OPERATOR	Borehole MD: 8896
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8896
API Well Number: 427094062400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 915 - 8896	Water Depth: 185
Public Info Code: Y 22-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7240 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
7900 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8500 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8740 /	DEF AT faunal change (no faunal increase)	DEF AT 5
8800 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8896 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 502	Date of Summary: 02-APR-1976	First Sample Examined: 1000
Lease Number: G02375	Source of Paleo: OPERATOR	Borehole MD: 10681
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9990
API Well Number: 427094013500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10690	Water Depth: 203
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1450 / 1450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2530 / 2530	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5500 / 5328	DEF AT - - - - -	DEF AT 4
6010 / 5795	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6100 / 5877	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8140 / 7758	DEF AT - - - - -	DEF AT 5
10030 / 9408	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10690 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 508	Date of Summary: 07-OCT-1976	First Sample Examined: 2560
Lease Number: G03245	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9000
API Well Number: 427094018700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 2560 - 8990	Water Depth: 185
Public Info Code: Y 01-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2560 /	DEF AT first sample examined	DEF AT 3
2561 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5110 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5470 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5560 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7610 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8690 /	DEF AT faunal change (no faunal increase)	DEF AT 6
8990 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 508	Date of Summary: 02-APR-1981	First Sample Examined: 0
Lease Number: G03245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6670
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6234
API Well Number: 427094059200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 01-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 / 3542	DEF AT - - - - -	DEF AT 3
4150 / 3954	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5470 / 5176	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5830 / 5514	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 508	Date of Summary: 12-JUL-1982	First Sample Examined: 0
Lease Number: G03743	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8240
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6355
API Well Number: 427094072200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 132
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 19-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 4991	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6620 / 5158	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 510	Date of Summary: 01-JUN-1976	First Sample Examined: 1190
Lease Number: G02693	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7498
API Well Number: 427094010900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 81
Paleo Report Num: 1 of 3	Sample Range: 1190 - 7500	Water Depth: 195
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1190 / 1190	DEF AT first sample examined	DEF IN 2
1400 / 1400	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3140 / 3139	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5170 / 5169	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5230 / 5229	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6580 / 6578	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6610 / 6608	DEF AT Eggerella sp. (local marker)	DEF AT 4
7420 / 7418	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7500 / 7497	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 510	Date of Summary: 16-JUL-1976	First Sample Examined: 1190
Lease Number: G02693	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7498
API Well Number: 427094010900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 81
Paleo Report Num: 3 of 3	Sample Range: 1190 - 7500	Water Depth: 195
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
1190 / 1190	DEF AT first sample examined	POS AT 3
1191 / 1191	DEF AT cement	POS AT 3
1370 / 1370	DEF AT - - - - -	DEF AT 3
1580 / 1580	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1760 / 1760	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2000 / 2000	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2210 / 2210	DEF AT - - - - -	DEF AT 2
2930 / 2929	DEF AT - - - - -	DEF AT 3
3050 / 3049	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
3140 / 3139	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3280 / 3279	DEF AT - - - - -	DEF AT 2
4030 / 4029	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5170 / 5169	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5259 / 5258	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5260 / 5259	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5650 / 5649	DEF AT - - - - -	DEF AT 3
6370 / 6368	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
6700 / 6698	DEF AT local marker foram decrease	DEF AT 3
7060 / 7058	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7500 / 7497	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 510	Date of Summary: 11-APR-1977	First Sample Examined: 1250
Lease Number: G02693	Source of Paleo: OPERATOR	Borehole MD: 7379
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7377
API Well Number: 427094022200	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 1250 - 7370	Water Depth: 197
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 /	DEF AT first sample examined	DEF IN 3
1610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3050 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
3230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4550 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 3
4730 /	DEF AT - - - - -	DEF AT 4
4760 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4940 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
5630 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
5780 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6290 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7189 /	DEF AT Eggerella 3 (local marker)	DEF AT 6
7190 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
7370 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 510	Date of Summary: 18-MAY-1977	First Sample Examined: 1250
Lease Number: G02693	Source of Paleo: OPERATOR	Borehole MD: 7379
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7377
API Well Number: 427094022200	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 1250 - 7370	Water Depth: 197
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1250 /	DEF AT first sample examined	DEF AT 3
1251 /	DEF AT cement	DEF AT 3
1610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2090 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2240 /	DEF AT - - - - -	DEF AT 2
2810 /	DEF AT - - - - -	DEF AT 3
3080 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3170 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3320 /	DEF AT - - - - -	DEF AT 3
4730 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4910 /	DEF AT - - - - -	DEF AT 3
5630 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
6110 /	DEF AT - - - - -	DEF AT 3
6440 /	DEF AT sample gap top	POS AT 3
7250 /	DEF AT sample gap bottom	DEF AT 6
7310 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
7340 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 510	Date of Summary: 30-SEP-1977	First Sample Examined: 2590
Lease Number: G02693	Source of Paleo: OPERATOR	Borehole MD: 10243
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8364
API Well Number: 427094027800	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 2590 - 10270	Water Depth: 197
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2590 / 2509	DEF AT first sample examined	DEF IN 3
3190 / 2993	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
3280 / 3057	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
3460 / 3183	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4960 / 4302	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6100 / 5112	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6460 / 5364	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7149 / 5884	DEF AT Bathysiphon fauna	DEF AT 5
7150 / 5885	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
7300 / 5998	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
7720 / 6320	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
7960 / 6506	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9070 / 7387	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9100 / 7412	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
9520 / 7754	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
10270 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 510	Date of Summary: 10-OCT-1977	First Sample Examined: 2590
Lease Number: G02693	Source of Paleo: OPERATOR	Borehole MD: 10243
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8364
API Well Number: 427094027800	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 2590 - 10270	Water Depth: 197
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2590 / 2509	DEF AT first sample examined	DEF AT 2
2591 / 2510	DEF AT cement	DEF AT 2
3220 / 3015	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 4
3428 / 3160	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3429 / 3161	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
3430 / 3161	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3580 / 3268	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3670 / 3332	DEF AT - - - - -	DEF AT 3
6280 / 5231	DEF AT - - - - -	DEF AT 4
6460 / 5364	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6790 / 5614	DEF AT poor sample interval top	POS AT 4
7030 / 5796	DEF AT poor sample interval bottom	DEF AT 4
7120 / 5863	DEF IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
7510 / 6158	DEF AT local marker foram decrease	DEF AT 5
8200 / 6694	DEF AT - - - - -	DEF AT 4
9070 / 7387	DEF AT Eggerella sp. (local marker)	DEF AT 6
9459 / 7703	DEF AT gouge	DEF AT 6
9460 / 7704	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10270 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 26-AUG-1974	First Sample Examined: 1100
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 5642
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5642
API Well Number: 427094005800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 1100 - 5642	Water Depth: 175
Public Info Code: Y 24-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF AT
1250 / 1250	DEF AT - - - - -	DEF AT 3
1340 / 1340	DEF AT poor sample interval top	POS AT 3
1640 / 1640	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
2810 / 2810	DEF AT poor sample interval bottom	DEF AT 3
2930 / 2930	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3230 / 3230	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4890 / 4890	DEF AT - - - - -	DEF AT 4
5340 / 5340	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5520 / 5520	DEF AT - - - - -	DEF AT 5
5642 / 5642	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 24-SEP-1974	First Sample Examined: 1102
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 6028
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6028
API Well Number: 427094006000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1102 - 6028	Water Depth: 190
Public Info Code: Y 22-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1102 / 1102	DEF AT first sample examined	POS AT 3
1160 / 1160	DEF AT - - - - -	DEF AT 3
1370 / 1370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2840 / 2840	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2960 / 2960	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4840 / 4840	DEF AT - - - - -	DEF AT 4
5290 / 5290	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5530 / 5530	DEF AT - - - - -	DEF AT 6
6028 / 6028	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 25-OCT-1974	First Sample Examined: 1102
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 6111
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6110
API Well Number: 427094006800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1102 - 6111	Water Depth: 190
Public Info Code: Y 22-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1102 / 1102	DEF AT first sample examined	POS AT 3
1280 / 1280	DEF AT - - - - -	DEF AT 3
1370 / 1370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2810 / 2810	DEF AT - - - - -	DEF IN 3
2900 / 2900	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3200 / 3200	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4940 / 4940	DEF AT - - - - -	DEF AT 4
5420 / 5420	DEF AT Arenaceous fauna (local marker)	POS AT 5
5746 / 5745	DEF AT faunal change (no faunal increase)	POS AT 5
6111 / 6110	DEF AT last sample examined	POS AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 23-JUN-1976	First Sample Examined: 1010
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 6436
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 5721
API Well Number: 427094015800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1010 - 6420	Water Depth: 193
Public Info Code: Y 22-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1010 / 1010	DEF AT first sample examined	DEF AT
1530 / 1526	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2970 / 2753	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3270 / 3007	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
4950 / 4348	DEF AT - - - - -	DEF AT 4
5370 / 4722	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5460 / 4803	DEF AT - - - - -	DEF AT 5
5520 / 4857	DEF AT - - - - -	DEF AT 6
5700 / 5022	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
6300 / 5589	DEF AT calcite	DEF AT 6
6420 / 5705	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 19-JUL-1976	First Sample Examined: 1200
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 7735
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 5136
API Well Number: 427094016300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1200 - 7735	Water Depth: 193
Public Info Code: Y 10-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF IN 3
1430 / 1429	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3540 / 2801	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4050 / 3075	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7735 / 5136	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 16-AUG-1976	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 10237
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5122
API Well Number: 427094017600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10220	Water Depth: 193
Public Info Code: Y 13-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 922	DEF AT first sample examined	DEF IN 3
2200 / 1577	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6110 / 3356	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6740 / 3626	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10220 / 5115	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 15-SEP-1976	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 2735
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 2735
API Well Number: 427094018100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1000 - 2680	Water Depth: 193
Public Info Code: Y 17-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1210 / 1210	DEF AT - - - - -	DEF AT 3
1450 / 1450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2680 / 2680	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 21-DEC-1976	First Sample Examined: 1010
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 3815
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 2019
API Well Number: 427094022100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1010 - 3815	Water Depth: 193
Public Info Code: Y 09-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1010 / 884	DEF AT first sample examined	DEF IN 3
2630 / 1544	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3815 / 2019	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 03-DEC-1976	First Sample Examined: 1060
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 5600
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 4873
API Well Number: 427094021300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1060 - 5590	Water Depth: 193
Public Info Code: Y 24-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1060	DEF AT first sample examined	DEF IN 3
1450 / 1441	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3160 / 2722	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3460 / 2932	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5590 /	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 01-NOV-1976	First Sample Examined: 1080
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 4700
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4700
API Well Number: 427094020000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1080 - 4680	Water Depth: 193
Public Info Code: Y 24-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1080 / 1080	DEF AT first sample examined	DEF IN 3
1470 / 1470	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2820 / 2820	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3030 / 3030	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4680 / 4680	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 07-JAN-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 6800
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 5283
API Well Number: 427094022500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6790	Water Depth: 193
Public Info Code: Y 27-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1540 / 1527	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3430 / 2806	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3820 / 3051	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6790 / 5274	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 08-MAR-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 6505
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 3261
API Well Number: 427094023100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6460	Water Depth: 193
Public Info Code: Y 13-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 844	DEF AT first sample examined	DEF IN 3
2440 / 1430	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6460 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 30-MAR-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 5303
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 3872
API Well Number: 427094023200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5290	Water Depth: 193
Public Info Code: Y 21-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
1480 / 1469	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3820 / 2883	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4150 / 3082	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5200 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
5290 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 25-APR-1977	First Sample Examined: 1100
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 6570
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 4323
API Well Number: 427094024100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1100 - 6560	Water Depth: 193
Public Info Code: Y 17-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF IN 3
1490 / 1482	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4400 / 3061	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5090 / 3389	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6560 / 4315	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 16-MAY-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 7530
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 5028
API Well Number: 427094025300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7530	Water Depth: 193
Public Info Code: Y 05-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1450 / 1445	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3790 / 2895	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4540 / 3354	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7530 / 5028	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 07-JUN-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 5051
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 2645
API Well Number: 427094025900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5230	Water Depth: 193
Public Info Code: Y 01-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 992	DEF AT first sample examined	DEF IN 3
1600 / 1486	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5230 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 05-JUL-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 8426
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 7415
API Well Number: 427094026700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8450	Water Depth: 193
Public Info Code: Y 28-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1510 / 1499	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3520 / 2988	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3760 / 3153	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
6100 / 5198	DEF AT - - - - -	DEF AT 4
7450 / 6482	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7540 / 6567	DEF AT - - - - -	DEF AT 5
7930 / 6939	DEF AT - - - - -	DEF AT 6
8080 / 7083	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
8450 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 26-JUL-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 5042
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 4766
API Well Number: 427094027000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5045	Water Depth: 193
Public Info Code: Y 15-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1210 / 1210	DEF AT - - - - -	DEF IN 3
1510 / 1507	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2830 / 2698	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
2980 / 2831	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4930 / 4655	DEF AT - - - - -	DEF AT 4
5045 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 17-OCT-1977	First Sample Examined: 1000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 13080
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 9166
API Well Number: 427094028000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 1000 - 11110	Water Depth: 193
Public Info Code: Y 02-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
1450 / 1445	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3670 / 3048	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4000 / 3255	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7010 / 5290	DEF AT - - - - -	DEF AT 4
10210 / 7460	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11110 / 8066	DEF AT last sample examined	DEF AT 4

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GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 511	Date of Summary: 17-OCT-1977	First Sample Examined: 10000
Lease Number: G02694	Source of Paleo: OPERATOR	Borehole MD: 13080
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 9166
API Well Number: 427094028000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 10000 - 13030	Water Depth: 193
Public Info Code: Y 02-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 7326	DEF AT first sample examined	DEF IN 4
10360 / 7558	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
11440 / 8292	DEF AT - - - - -	DEF AT 5
11560 / 8374	DEF AT - - - - -	DEF AT 6
13030 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 516	Date of Summary: 27-OCT-1978	First Sample Examined: 4580
Lease Number: G03480	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10100
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 10100
API Well Number: 427094034600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4580 - 11000	Water Depth: 232
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4580 / 4578	DEF AT first sample examined	DEF IN 3
4581 / 4579	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
4700 / 4698	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
4760 / 4758	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6000 / 5998	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6300 / 6298	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6780 / 6778	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6840 / 6838	DEF AT local marker foram decrease	DEF AT 5
7050 / 7048	DEF AT local marker foram increase	DEF AT 5
7230 / 7228	DEF AT cement	DEF AT 5
9510 / 9504	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9660 / 9654	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9750 / 9744	DEF AT local marker deep water fauna	DEF AT 6
11000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 517	Date of Summary: 30-NOV-1977	First Sample Examined: 3530
Lease Number: G03481	Source of Paleo: OPERATOR	Borehole MD: 9344
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9344
API Well Number: 427094028700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 3530 - 9320	Water Depth: 210
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3530	DEF AT first sample examined	DEF IN 3
3740 / 3740	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4730 / 4730	DEF AT - - - - -	DEF AT 4
5150 / 5150	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6650 / 6650	DEF AT - - - - -	DEF AT 5
7490 / 7489	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9320 / 9319	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 517	Date of Summary: 10-JUL-1978	First Sample Examined: 3530
Lease Number: G03481	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9344
Well Name: A001	Paleo Done By: JIM COOKE	Borehole TVD: 9344
API Well Number: 427094028700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 3530 - 9320	Water Depth: 210
Public Info Code: Y 22-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 3
3590 / 3590	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3740 / 3740	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4820 / 4820	DEF AT faunal change (no faunal increase)	DEF AT 4
5000 / 5000	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5150 / 5150	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6560 / 6560	DEF AT local marker planktic foram increase	DEF AT 4
6650 / 6650	DEF AT local marker deep water fauna	DEF AT 5
6710 / 6710	DEF AT local marker foram decrease	DEF AT 5
7489 / 7488	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7490 / 7489	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9080 / 9079	DEF AT local marker planktic foram increase	DEF AT 6
9200 / 9199	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9320 / 9319	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 518	Date of Summary: 11-JUL-1974	First Sample Examined: 500
Lease Number: G02376	Source of Paleo: OPERATOR	Borehole MD: 8679
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8679
API Well Number: 427094004600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 500 - 8679	Water Depth: 214
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 /	DEF AT first sample examined	DEF AT 2
530 /	DEF AT - - - - -	DEF AT 1
730 /	DEF AT - - - - -	DEF AT 2
760 /	DEF AT local marker planktic foram increase	DEF AT 2
1290 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1470 /	DEF AT - - - - -	DEF AT 1
1500 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1800 /	DEF AT - - - - -	DEF AT 2
2040 /	DEF AT sample gap top	POS AT 2
2220 /	DEF AT sample gap bottom	DEF AT 1
2580 /	DEF AT - - - - -	DEF AT 2
2610 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2790 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2820 /	DEF AT shell fragments	DEF AT 2
3300 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3810 /	DEF AT local marker benthic foram increase	DEF AT 2
4230 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4740 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5420 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
5880 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6540 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
6630 /	DEF IN local marker planktic foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 518	Date of Summary: 11-JUL-1974	First Sample Examined: 500
Lease Number: G02376	Source of Paleo: OPERATOR	Borehole MD: 8679
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8679
API Well Number: 427094004600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 500 - 8679	Water Depth: 214
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6998 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
6999 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7000 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7310 /	DEF AT - - - - -	DEF AT 3
8210 /	DEF AT - - - - -	DEF AT 4
8540 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8660 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8679 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 518	Date of Summary: 25-MAY-1977	First Sample Examined: 960
Lease Number: G02376	Source of Paleo: OPERATOR	Borehole MD: 11049
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9439
API Well Number: 427094024700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 960 - 11050	Water Depth: 221
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
960 / 960	DEF AT first sample examined	DEF AT 2
961 / 961	DEF AT cement	DEF AT 2
1440 / 1440	DEF AT - - - - -	DEF AT 1
1500 / 1500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1860 / 1860	DEF AT pyrite	DEF AT 1
1920 / 1920	DEF AT - - - - -	DEF AT 2
2160 / 2160	DEF AT - - - - -	DEF AT 1
2500 / 2500	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2920 / 2920	DEF AT - - - - -	DEF AT 2
2980 / 2980	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3100 / 3100	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3400 / 3400	DEF AT foram flood	DEF AT 3
3460 / 3460	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3520 / 3520	DEF AT - - - - -	DEF AT 2
3880 / 3880	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
4270 / 4270	DEF AT cement	DEF AT 2
4660 / 4660	DEF AT - - - - -	DEF AT 3
4690 / 4690	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5080 / 5080	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5590 / 5584	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
5650 / 5642	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
5710 / 5700	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 518	Date of Summary: 25-MAY-1977	First Sample Examined: 960
Lease Number: G02376	Source of Paleo: OPERATOR	Borehole MD: 11049
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9439
API Well Number: 427094024700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 960 - 11050	Water Depth: 221
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5860 / 5843	DEF AT cement	DEF AT 4
5980 / 5957	DEF AT - - - - -	DEF AT 5
6010 / 5985	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
6160 / 6124	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
6280 / 6234	DEF AT - - - - -	DEF AT 4
6520 / 6448	DEF AT - - - - -	DEF AT 3
6640 / 6551	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
6669 / 6576	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6670 / 6577	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
7599 / 7321	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
7600 / 7322	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
7990 / 7608	DEF AT - - - - -	DEF AT 3
9310 / 8469	DEF AT out-of-place section	DEF AT 4
9550 / 8617	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9790 / 8756	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
10270 / 9003	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10540 / 9135	DEF AT local marker planktic foram increase	DEF AT 5
10810 / 9290	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
11020 / 9421	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11050 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 519	Date of Summary: 22-JUN-1978	First Sample Examined: 500
Lease Number: G02377	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8990
API Well Number: 427094028400	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 500 - 8970	Water Depth: 214
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 / 500	DEF AT first sample examined	DEF IN 1
501 / 501	DEF AT shell fragments	DEF IN 1
1175 / 1175	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1380 / 1380	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1590 / 1590	DEF AT pyrite	DEF AT 4
1620 / 1620	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
1890 / 1890	DEF AT pyrite	DEF AT 4
2520 / 2520	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
2730 / 2730	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3540 / 3540	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3960 / 3960	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4320 / 4320	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5670 / 5669	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
5820 / 5819	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6990 / 6987	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8550 / 8541	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
8640 / 8631	DEF AT Bathysiphon fauna	DEF AT 5
8670 / 8661	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8970 / 8961	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 521	Date of Summary: 27-JUL-1977	First Sample Examined: 545
Lease Number: G02379	Source of Paleo: OPERATOR	Borehole MD: 6508
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6508
API Well Number: 427094024500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 545 - 6500	Water Depth: 312
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Foram species abundance and diversity chart available, see report for details

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
545 / 545	DEF AT first sample examined	DEF AT 1
660 / 660	DEF AT -----	DEF AT 2
720 / 720	DEF AT -----	DEF AT 3
840 / 840	DEF AT -----	DEF AT 4
1670 / 1670	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
1790 / 1790	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2750 / 2750	DEF AT -----	DEF AT 3
3300 / 3300	DEF AT -----	DEF IN 3
3600 / 3600	DEF AT -----	DEF AT 4
3680 / 3680	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
4710 / 4710	DEF AT -----	DEF AT 3
4950 / 4950	DEF AT -----	DEF IN 3
5150 / 5149	DEF AT -----	DEF AT 4
5450 / 5449	DEF AT Cyclammina sp. (local marker)	DEF IN 4
5930 / 5929	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
5990 / 5989	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
6440 / 6439	POS AT local marker benthic foram increase	DEF IN 4
6500 / 6499	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 521	Date of Summary: 03-JAN-1978	First Sample Examined: 990
Lease Number: G02379	Source of Paleo: OPERATOR	Borehole MD: 6508
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6508
API Well Number: 427094024500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 990 - 6500	Water Depth: 312
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
990 / 990	DEF AT first sample examined	DEF AT 3
1550 / 1550	DEF AT - - - - -	DEF AT 4
1730 / 1730	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5330 / 5329	DEF AT - - - - -	DEF AT 5
5930 / 5929	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6500 / 6499	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 522	Date of Summary: 13-JUN-1983	First Sample Examined: 1320
Lease Number: G03756	Source of Paleo: OPERATOR	Borehole MD: 10989
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8928
API Well Number: 427094076300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1320 - 10989	Water Depth: 230
Public Info Code: Y 17-OCT-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1320 / 1320	DEF AT first sample examined	DEF AT 2
1560 / 1560	DEF AT -----	DEF AT 3
1590 / 1590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2340 / 2340	DEF AT -----	DEF AT 2
3180 / 3180	DEF AT -----	DEF AT 4
3210 / 3210	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3600 / 3598	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4620 / 4544	DEF AT -----	DEF AT 2
4950 / 4789	DEF AT -----	DEF AT 2
6270 / 5685	DEF AT pyrite	DEF AT 5
6271 / 5686	DEF AT limestone	DEF AT 5
6540 / 5876	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6960 / 6183	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7410 / 6498	DEF AT pyrite	DEF AT 4
7950 / 6873	DEF AT limestone	DEF AT 4
8430 / 7209	DEF AT -----	DEF AT 3
9000 / 7576	DEF AT -----	DEF AT 4
9210 / 7710	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9330 / 7787	DEF AT -----	DEF AT 4
10470 / 8563	DEF AT -----	DEF AT 5
10558 / 8625	DEF IN -----	DEF AT 6
10559 / 8626	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 522	Date of Summary: 13-JUN-1983	First Sample Examined: 1320
Lease Number: G03756	Source of Paleo: OPERATOR	Borehole MD: 10989
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8928
API Well Number: 427094076300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1320 - 10989	Water Depth: 230
Public Info Code: Y 17-OCT-1983	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 / 8626	DEF AT gouge	DEF AT 6
10989 / 8929	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 522	Date of Summary: 21-JUL-1983	First Sample Examined: 6710
Lease Number: G03756	Source of Paleo: OPERATOR	Borehole MD: 10569
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8380
API Well Number: 427094076301	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 6710 - 7010	Water Depth: 230
Public Info Code: Y 17-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 / 6017	DEF AT first sample examined	DEF AT 4
6711 / 6017	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7010 / 6244	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 522	Date of Summary: 21-JUL-1983	First Sample Examined: 6530
Lease Number: G03756	Source of Paleo: OPERATOR	Borehole MD: 10569
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8380
API Well Number: 427094076301	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 6530 - 10550	Water Depth: 230
Public Info Code: Y 17-OCT-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
6530 / 5880	DEF AT first sample examined	DEF AT 4
6531 / 5881	DEF AT poor sample interval top	DEF AT 4
7190 / 6384	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9619 / 7815	DEF AT poor sample interval bottom	DEF AT 4
9620 / 7815	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10429 / 8293	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10430 / 8294	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10569 / 8380	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 524	Date of Summary: 14-MAR-1978	First Sample Examined: 1085
Lease Number: G03482	Source of Paleo: OPERATOR	Borehole MD: 10702
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10702
API Well Number: 427094030600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 1085 - 10705	Water Depth: 214
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1085 / 1031	DEF AT first sample examined	DEF AT 3
1086 / 1032	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3410 / 3259	DEF AT - - - - -	DEF AT 4
3430 / 3279	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3680 / 3529	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5690 / 5539	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6080 / 5929	DEF AT - - - - -	DEF AT 5
9340 / 9187	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
10705 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 524	Date of Summary: 20-JUL-1978	First Sample Examined: 1085
Lease Number: G03482	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10702
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 10702
API Well Number: 427094030600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 1085 - 10705	Water Depth: 214
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1085 / 1031	DEF AT first sample examined	DEF AT 3
1086 / 1032	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
1565 / 1502	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3410 / 3259	DEF AT faunal change (no faunal increase)	DEF AT 4
3710 / 3559	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5210 / 5059	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5690 / 5539	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6080 / 5929	DEF AT local marker deep water fauna	DEF AT 5
9340 / 9187	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9370 / 9217	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
10675 / 10521	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 525	Date of Summary: 27-JUL-1977	First Sample Examined: 0
Lease Number: G03310	Source of Paleo: OPERATOR	Borehole MD: 9150
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9150
API Well Number: 427094020300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 221
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1810 / 1810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3190 / 3190	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3555 / 3555	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5410 / 5410	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5830 / 5830	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6070 / 6070	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8200 / 8200	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 526	Date of Summary: 31-OCT-1978	First Sample Examined: 4050
Lease Number: G03483	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11237
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 9999
API Well Number: 427094029100	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 3960 - 11237	Water Depth: 195
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4050 / 3864	DEF AT first sample examined	DEF IN 2
4170 / 3973	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4200 / 4001	DEF AT faunal change (no faunal increase)	DEF AT 3
4290 / 4083	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4320 / 4110	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4380 / 4165	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
5700 / 5378	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5730 / 5405	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6180 / 5812	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7740 / 7186	DEF AT local marker planktic foram increase	DEF AT 5
8850 / 8057	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11010 / 9792	DEF AT local marker deep water fauna	DEF AT 6
11130 / 9901	DEF AT local marker planktic foram increase	DEF AT 6
11237 / 9998	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 526	Date of Summary: 09-JUL-1985	First Sample Examined: 7600
Lease Number: G03483	Source of Paleo: OPERATOR	Borehole MD: 11237
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9999
API Well Number: 427094029100	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 4780 - 11440	Water Depth: 195
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4780 / 4531	DEF AT first sample examined	DEF AT
4781 / 4532	DEF AT cement	DEF AT
4782 / 4532	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5440 / 5140	DEF AT faunal change (no faunal increase)	DEF IN 2
5800 / 5468	DEF AT local marker foram increase	DEF IN 4
6070 / 5713	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
6130 / 5767	DEF AT faunal change (no faunal increase)	DEF AT 4
7780 / 7219	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 5
8770 / 7998	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9940 / 8875	DEF AT faunal change (no faunal increase)	DEF AT 5
10090 / 8995	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
10120 / 9019	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT 6
10600 / 9425	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 6
10630 / 9451	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT 6
10720 / 9531	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 6
10990 / 9774	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT 6
11110 / 9883	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
11140 / 9910	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11141 / 9911	POS AT gypsum	DEF AT
11290 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
11409 /	DEF AT gypsum	DEF AT
11410 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 526	Date of Summary: 09-JUL-1985	First Sample Examined: 7600
Lease Number: G03483	Source of Paleo: OPERATOR	Borehole MD: 11237
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9999
API Well Number: 427094029100	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 7600 - 11440	Water Depth: 195
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
7600 / 7071	DEF AT first sample examined	DEF AT
10120 / 9019	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10600 / 9425	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10660 / 9478	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10990 / 9774	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
11290 /	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
11410 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 526	Date of Summary: 09-JUL-1985	First Sample Examined: 4780
Lease Number: G07344	Source of Paleo: OPERATOR	Borehole MD: 11457
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11432
API Well Number: 427094081900	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 4780 - 11440	Water Depth: 201
Public Info Code: Y 23-DEC-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4780 / 4777	DEF AT first sample examined	DEF AT
4781 / 4778	DEF AT cement	DEF AT
4960 / 4956	DEF AT - - - - -	DEF AT 3
5440 / 5435	DEF AT - - - - -	DEF AT 2
5800 / 5794	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6070 / 6063	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7540 / 7526	DEF AT - - - - -	DEF AT 3
7600 / 7586	DEF AT cement	POS AT 3
7779 / 7764	DEF AT Bathysiphon fauna	DEF AT 5
7780 / 7765	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8290 / 8272	DEF AT - - - - -	DEF AT 3
8769 / 8748	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8770 / 8749	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9940 / 9924	DEF AT - - - - -	DEF AT 3
10090 / 10073	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10630 / 10610	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
10660 / 10640	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
10720 / 10700	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
11110 / 11087	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 6
11140 / 11117	DEF AT gypsum	DEF AT 6
11410 / 11385	DEF AT salt	DEF AT 6
11440 / 11415	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 526	Date of Summary: 09-JUL-1985	First Sample Examined: 7600
Lease Number: G07344	Source of Paleo: OPERATOR	Borehole MD: 11457
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11432
API Well Number: 427094081900	Drilling Operator: CONOCO INC	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 7600 - 11440	Water Depth: 201
Public Info Code: Y 23-DEC-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7600 / 7586	DEF AT first sample examined	DEF AT
10120 / 10103	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
10600 / 10580	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
10660 / 10640	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus (increase)	DEF AT
10720 / 10700	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10990 / 10968	DEF AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
11290 / 11266	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
11440 / 11415	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 527	Date of Summary: 01-JUN-1980	First Sample Examined: 1140
Lease Number: G03311	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10200
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9435
API Well Number: 427094025100	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1140 - 10200	Water Depth: 195
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS: N	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1140 / 1140	DEF AT first sample examined	DEF AT
1290 / 1290	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
1410 / 1410	DEF AT pyrite	DEF AT
1500 / 1500	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
1590 / 1590	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
1619 / 1619	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
1620 / 1620	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT
1710 / 1710	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
2040 / 2040	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
2100 / 2100	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
2520 / 2520	DEF AT pyrite	DEF AT
2730 / 2730	DEF AT pyrite	DEF AT
3090 / 3090	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3120 / 3120	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3150 / 3150	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
3240 / 3240	DEF AT cement	DEF AT
3390 / 3390	DEF AT pyrite	DEF AT
5310 / 5202	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5910 / 5742	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5970 / 5797	DEF AT sample gap top	DEF AT
8849 / 8261	DEF AT sample gap bottom	DEF AT
8850 / 8262	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 527	Date of Summary: 01-JUN-1980	First Sample Examined: 1140
Lease Number: G03311	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10200
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9435
API Well Number: 427094025100	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 1140 - 10200	Water Depth: 195
Public Info Code: Y 31-MAR-1981	Ecozone Eq MMS: N	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9030 / 8417	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
10080 / 9332	POS IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT
10209 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 14-AUG-1975	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7787
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7787
API Well Number: 427094010100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 13-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 / 3040	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4810 / 4810	DEF AT -----	DEF AT 4
5260 / 5259	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5620 / 5619	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7480 / 7477	DEF AT -----	DEF AT 5
7630 / 7627	DEF AT -----	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 14-AUG-1975	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7645
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6999
API Well Number: 427094010101	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 23-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 / 5229	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6760 / 6278	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7560 / 6936	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 28-AUG-1975	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7120
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7110
API Well Number: 427094011100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 11-SEP-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2500	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3000 / 3000	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4830 / 4830	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5010 / 5009	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6870 / 6861	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 14-JUN-1977	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7977
API Well Number: 427094009500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 21-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2542 / 2542	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3040 / 3038	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4810 / 4807	DEF AT - - - - -	DEF AT 4
5260 / 5257	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5620 / 5616	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7480 / 7465	DEF AT - - - - -	DEF AT 5
7630 / 7614	DEF AT - - - - -	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 22-OCT-1976	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7375
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6502
API Well Number: 427094018400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 02-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4466	DEF AT - - - - -	DEF IN 4
5300 / 4727	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
6140 / 5455	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 25-JAN-1977	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6939
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6399
API Well Number: 427094018800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 01-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4858	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5780 / 5492	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6920 / 6384	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 09-DEC-1976	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8540
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6495
API Well Number: 427094018900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4122	DEF AT - - - - -	DEF IN 3
5690 / 4562	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6380 / 5029	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8170 / 6247	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 30-MAR-1977	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7670
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 6656
API Well Number: 427094018401	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 21-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4465	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6200 / 5446	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6800 / 5937	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 01-JUL-1977	First Sample Examined: 0
Lease Number: G02380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8836
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 6805
API Well Number: 427094018901	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 191
Public Info Code: Y 11-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6320 / 5108	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6620 / 5325	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 532	Date of Summary: 01-FEB-1977	First Sample Examined: 5000
Lease Number: G02380	Source of Paleo: OPERATOR	Borehole MD: 7978
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7042
API Well Number: 427094018801	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7970	Water Depth: 191
Public Info Code: Y 21-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4726	DEF AT first sample examined	DEF AT 4
5001 / 4727	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6050 / 5533	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6530 / 5908	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7970 / 7036	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 533	Date of Summary: 21-MAY-1975	First Sample Examined: 1080
Lease Number: G02381	Source of Paleo: OPERATOR	Borehole MD: 5280
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5280
API Well Number: 427094009300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1080 - 5250	Water Depth: 185
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1080 /	DEF AT first sample examined	DEF IN 2
1560 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
1680 /	DEF AT - - - - -	DEF AT 3
2700 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3570 /	DEF AT - - - - -	DEF AT 4
4260 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4380 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4920 /	DEF AT - - - - -	DEF AT 5
5250 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 535	Date of Summary: 26-FEB-1975	First Sample Examined: 1120
Lease Number: G02383	Source of Paleo: OPERATOR	Borehole MD: 9180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9180
API Well Number: 427094008400	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1120 - 9180	Water Depth: 193
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1120 / 1120	DEF AT first sample examined	DEF IN 3
1780 / 1780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3580 / 3580	DEF AT - - - -	DEF AT 4
3610 / 3610	DEF AT sample gap top	DEF AT
3669 / 3669	DEF AT sample gap bottom	DEF AT
3670 / 3670	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3940 / 3940	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6020 / 6019	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6770 / 6769	DEF AT Arenaceous fauna (local marker)	DEF AT 5
7100 / 7099	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
7101 / 7100	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7820 / 7819	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8000 / 7998	DEF AT - - - -	DEF AT 6
8660 / 8657	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
8900 / 8896	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9180 / 9175	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 536	Date of Summary: 28-DEC-1977	First Sample Examined: 1000
Lease Number: G02697	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11167
Well Name: C002	Paleo Done By: LEE LATTA	Borehole TVD: 8023
API Well Number: 427094029200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1000 - 3450	Water Depth: 200
Public Info Code: Y 26-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
1190 / 1190	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
1790 / 1778	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2260 / 2217	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3450 / 3194	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539 Lease Number: G02700 Well Name: 001 API Well Number: 427094012500 Paleo Report Num: 1 of 1 Public Info Code: Y 02-OCT-1980	Date of Summary: 13-FEB-1976 Source of Paleo: COMPLETION REPORT (WELL SUMMARY) Paleo Done By: OPERATOR Drilling Operator: MARATHON PETROLEUM COMPANY Sample Range: 0 - 0 Ecozone Eq MMS:	First Sample Examined: 0 Borehole MD: 10250 Borehole TVD: 10250 Rkb Elevation: 70 Water Depth: 215 Paleo ID: 001
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Remark:

MD / TVD	Paleo Top Description	Ecozone
3580 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
3850 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5050 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6070 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7180 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539	Date of Summary: 20-SEP-1976	First Sample Examined: 0
Lease Number: G02700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9545
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9545
API Well Number: 427094019100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3670 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3730 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5420 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8080 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539	Date of Summary: 11-JAN-1979	First Sample Examined: 0
Lease Number: G02700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10496
API Well Number: 427094031000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 232
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7470 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8640 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9690 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10440 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539	Date of Summary: 21-DEC-1979	First Sample Examined: 930
Lease Number: G02700	Source of Paleo: OPERATOR	Borehole MD: 6282
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5552
API Well Number: 427094045500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 930 - 6258	Water Depth: 225
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
930 / 930	DEF AT first sample examined	DEF AT 2
1470 / 1466	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1950 / 1928	DEF AT faunal change (no faunal increase)	DEF AT 2
3330 / 3197	DEF AT local marker foram increase	DEF AT 3
5411 / 4879	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6258 / 5533	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539	Date of Summary: 12-DEC-1979	First Sample Examined: 2950
Lease Number: G02700	Source of Paleo: OPERATOR	Borehole MD: 7053
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6588
API Well Number: 427094045501	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2950 - 7053	Water Depth: 225
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2950 / 2861	DEF AT first sample examined	POS AT 4
2951 / 2862	DEF AT cement	POS AT 4
3250 / 3132	DEF AT local marker foram increase	DEF AT 4
3280 / 3160	DEF AT poor sample interval top	DEF AT 4
3549 / 3413	DEF AT poor sample interval bottom	DEF AT 4
3550 / 3414	DEF AT faunal change (no faunal increase)	DEF AT 2
4060 / 3896	DEF AT faunal change (no faunal increase)	DEF AT 3
5777 / 5449	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5778 / 5450	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5936 / 5590	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6069 / 5707	DEF AT faunal change (no faunal increase)	DEF AT 4
7053 / 6589	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539	Date of Summary: 12-MAY-1980	First Sample Examined: 1000
Lease Number: G02700	Source of Paleo: OPERATOR	Borehole MD: 5600
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5600
API Well Number: 427094052700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5596	Water Depth: 220
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 3
1750 / 1750	DEF AT local marker foram increase	DEF AT 3
3430 / 3430	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5534 / 5533	DEF AT local marker foram increase	DEF AT 4
5596 / 5595	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 539	Date of Summary: 07-JUL-1980	First Sample Examined: 960
Lease Number: G02700	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7200
API Well Number: 427094055100	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 960 - 7200	Water Depth: 220
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
960 / 960	DEF AT first sample examined	DEF AT 2
1440 / 1440	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
4342 / 4342	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5500 / 5500	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5657 / 5657	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6400 / 6399	DEF AT sample gap top	POS AT 4
6690 / 6689	DEF AT sample gap bottom	DEF AT 3
7110 / 7109	DEF AT faunal change (no faunal increase)	DEF AT 4
7200 / 7199	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 540	Date of Summary: 21-DEC-1974	First Sample Examined: 1040
Lease Number: G02701	Source of Paleo: OPERATOR	Borehole MD: 7730
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7730
API Well Number: 427094007600	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1040 - 7730	Water Depth: 218
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 /	DEF AT first sample examined	DEF IN 3
1940 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3560 /	DEF AT - - - - -	DEF AT 4
3680 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5180 /	DEF AT - - - - -	DEF AT 5
5300 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
6890 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
7730 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 540	Date of Summary: 28-MAR-1978	First Sample Examined: 1232
Lease Number: G02701	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8680
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8679
API Well Number: 427094023900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1232 - 9035	Water Depth: 195
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1232 / 1232	DEF AT first sample examined	POS AT 2
1460 / 1460	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1550 / 1550	DEF AT local marker foram increase	DEF AT 3
1820 / 1820	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2420 / 2420	DEF AT pyrite	DEF AT 3
3260 / 3260	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3289 / 3289	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
3290 / 3290	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
3410 / 3410	DEF AT pyrite	DEF AT 4
3470 / 3470	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4160 / 4160	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
5240 / 5240	DEF AT pyrite	DEF AT 4
5390 / 5390	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5840 / 5840	DEF AT pyrite	DEF AT 4
6499 / 6499	POS IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6500 / 6500	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
6650 / 6650	DEF AT pyrite	DEF AT 4
6680 / 6680	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7700 / 7699	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7850 / 7849	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
8900 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8930 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

This report contains public paleo reports only for the time period stated

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Start Date: 01-JAN-1947

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Area Block: HI A 540	Date of Summary: 28-MAR-1978	First Sample Examined: 1232
Lease Number: G02701	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8680
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8679
API Well Number: 427094023900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1232 - 9035	Water Depth: 195
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9035 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 543	Date of Summary: 13-MAY-1986	First Sample Examined: 0
Lease Number: G04848	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9996
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9936
API Well Number: 427094085500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 238
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4260 / 4260	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5220 / 5220	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5610 / 5610	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9720 / 9678	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 544	Date of Summary: 25-MAY-1979	First Sample Examined: 1360
Lease Number: G02703	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 10500
API Well Number: 427094039300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 1360 - 10470	Water Depth: 236
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1360 / 1360	DEF AT first sample examined	DEF IN 3
2080 / 2080	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4090 / 4090	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4360 / 4360	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4660 / 4660	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4720 / 4720	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5500 / 5500	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
5590 / 5590	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6040 / 6040	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7050 / 7049	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8820 / 8819	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9270 / 9268	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
10470 / 10467	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 548	Date of Summary: 17-APR-1975	First Sample Examined: 820
Lease Number: G02706	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8500
API Well Number: 427094008100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 59
Paleo Report Num: 1 of 2	Sample Range: 820 - 8500	Water Depth: 241
Public Info Code: Y 10-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
820 /	DEF AT first sample examined	DEF IN 3
2140 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2500 /	DEF AT local marker foram decrease	DEF IN 3
3549 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
3550 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3729 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3730 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3790 /	DEF AT local marker deep water fauna	DEF AT 5
4300 /	DEF AT local marker foram decrease	DEF AT 5
5080 /	DEF AT local marker planktic foram increase	DEF AT 5
5290 /	DEF AT local marker foram decrease	DEF AT 5
5470 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
5860 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 6
5950 /	DEF AT pyrite	DEF AT 6
6040 /	DEF AT local marker foram increase	DEF AT 6
6160 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 6
6250 /	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 6
6400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
8500 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 548	Date of Summary: 10-JUL-1979	First Sample Examined: 820
Lease Number: G02706	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8500
API Well Number: 427094008100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 59
Paleo Report Num: 2 of 2	Sample Range: 820 - 8500	Water Depth: 241
Public Info Code: Y 10-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
820 /	DEF AT first sample examined	POS IN 2
1240 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1600 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
1720 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1960 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3580 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3610 /	DEF AT glauconite	DEF AT 4
5080 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5860 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
5920 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
6160 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6430 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7930 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
8080 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8260 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8500 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 548	Date of Summary: 29-MAR-1976	First Sample Examined: 850
Lease Number: G02706	Source of Paleo: OPERATOR	Borehole MD: 5033
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5033
API Well Number: 427094011300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 850 - 5020	Water Depth: 262
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 / 850	DEF AT first sample examined	DEF IN 3
970 / 970	DEF AT local marker benthic foram increase	DEF IN 3
1210 / 1210	DEF AT local marker foram decrease	DEF IN 3
2170 / 2170	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4010 / 4010	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4100 / 4100	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
4220 / 4220	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4400 / 4400	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
4700 / 4700	DEF AT local marker foram decrease	DEF AT 5
4730 / 4730	DEF AT local marker foram increase	DEF AT 5
4820 / 4820	DEF AT local marker foram decrease	DEF AT 5
4960 / 4960	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5020 / 5020	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 549	Date of Summary: 08-JUN-1983	First Sample Examined: 4430
Lease Number: G04598	Source of Paleo: OPERATOR	Borehole MD: 10852
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10847
API Well Number: 427094076400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 4430 - 10857	Water Depth: 274
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 4429	DEF AT first sample examined	DEF IN 3
6470 / 6469	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7160 / 7158	DEF AT - - - -	DEF AT 5
7430 / 7428	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8380 / 8377	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9400 / 9396	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10090 / 10086	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
10857 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 549	Date of Summary: 22-AUG-1984	First Sample Examined: 4430
Lease Number: G04598	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10852
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10847
API Well Number: 427094076400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 4430 - 7340	Water Depth: 274
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4430 / 4429	DEF AT first sample examined	DEF AT 3
4640 / 4639	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4760 / 4759	DEF AT faunal change (no faunal increase)	DEF AT 2
4920 / 4919	DEF AT faunal change (no faunal increase)	DEF AT 1
5500 / 5499	POS AT local marker foram increase	DEF AT 2
5740 / 5739	DEF AT local marker benthic foram increase	DEF AT 3
5980 / 5979	DEF AT local marker benthic foram increase	DEF AT 2
6370 / 6369	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6530 / 6529	DEF AT faunal change (no faunal increase)	DEF AT 2
6560 / 6559	DEF AT local marker foram increase	DEF AT 3
6890 / 6889	DEF AT local marker deep water fauna	DEF IN 3
6920 / 6919	DEF AT Bathysiphon fauna	DEF IN 3
7070 / 7069	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7100 / 7099	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7129 / 7128	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7130 / 7129	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7160 / 7158	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
7220 / 7218	DEF AT local marker benthic foram increase	DEF AT 5
7310 / 7308	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 554	Date of Summary: 29-JUN-1979	First Sample Examined: 7000
Lease Number: G02710	Source of Paleo: OPERATOR	Borehole MD: 11918
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11900
API Well Number: 427094042600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 7000 - 11890	Water Depth: 260
Public Info Code: Y 10-SEP-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6997	DEF AT first sample examined	DEF AT 4
7001 / 6998	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8560 / 8557	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9730 / 9727	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9880 / 9877	POS AT Cyclammina sp. (local marker)	DEF AT 5
11200 / 11197	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11890 / 11887	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 555	Date of Summary: 25-APR-1974	First Sample Examined: 1000
Lease Number: G02384	Source of Paleo: OPERATOR	Borehole MD: 11751
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11751
API Well Number: 427094003800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1000 - 11760	Water Depth: 264
Public Info Code: Y 19-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 3
1960 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3690 /	DEF AT - - - - -	DEF AT 5
4080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4440 /	DEF AT - - - - -	DEF AT 4
5850 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7560 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
11670 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11760 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 555	Date of Summary: 22-AUG-1984	First Sample Examined: 1000
Lease Number: G02384	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11751
Well Name: 002	Paleo Done By: ED COTTON	Borehole TVD: 11751
API Well Number: 427094003800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1000 - 4140	Water Depth: 264
Public Info Code: Y 19-MAY-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 1
1120 /	DEF AT -----	DEF AT 1
1240 /	DEF AT -----	DEF AT 2
1780 /	DEF AT -----	DEF AT 3
1960 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2320 /	DEF AT -----	DEF AT 3
2380 /	DEF AT -----	DEF AT 2
2440 /	DEF AT -----	DEF AT 1
2640 /	DEF AT -----	DEF AT 2
3060 /	DEF AT cement	POS AT 2
3120 /	DEF AT -----	DEF AT 1
3390 /	DEF AT -----	DEF AT 2
3690 /	DEF AT local marker foram increase	DEF AT 4
4080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4110 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 555	Date of Summary: 21-MAR-1974	First Sample Examined: 850
Lease Number: G02384	Source of Paleo: OPERATOR	Borehole MD: 5715
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5715
API Well Number: 427094004000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 850 - 5700	Water Depth: 230
Public Info Code: Y 15-APR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 /	DEF AT first sample examined	DEF IN 3
1450 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5700 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 555	Date of Summary: 02-DEC-1974	First Sample Examined: 1025
Lease Number: G02384	Source of Paleo: OPERATOR	Borehole MD: 7312
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7312
API Well Number: 427094006100	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 1025 - 7314	Water Depth: 258
Public Info Code: Y 25-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1025 /	DEF AT first sample examined	DEF IN 3
1480 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3290 /	DEF AT - - - - -	DEF AT 5
3710 /	DEF AT sample gap top	POS AT 5
4100 /	DEF AT sample gap bottom	POS AT 5
4250 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4280 /	DEF AT - - - - -	DEF AT 4
6020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7220 /	DEF AT gouge	DEF AT 6
7314 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 556	Date of Summary: 07-MAR-1978	First Sample Examined: 560
Lease Number: G02385	Source of Paleo: OPERATOR	Borehole MD: 9733
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8303
API Well Number: 427094004800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 560 - 9730	Water Depth: 239
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
560 / 560	DEF AT first sample examined	DEF AT 2
1460 / 1460	DEF AT poor sample interval top	POS AT 2
1640 / 1640	DEF AT poor sample interval bottom	DEF AT 2
1700 / 1700	DEF AT local marker foram increase	DEF AT 2
1760 / 1760	DEF AT local marker foram increase	DEF AT 2
1820 / 1820	DEF AT - - - - -	DEF AT 3
2480 / 2480	DEF AT - - - - -	DEF AT 2
3100 / 3100	DEF AT poor sample interval top	POS AT 2
3189 / 3189	DEF AT poor sample interval bottom	DEF AT 2
3190 / 3190	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3250 / 3250	DEF AT - - - - -	DEF AT 1
4060 / 4054	DEF AT - - - - -	DEF AT 2
4420 / 4398	POS AT - - - - -	DEF AT 3
4421 / 4399	POS AT - - - - -	DEF AT 4
4450 / 4426	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5200 / 5064	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6280 / 5870	DEF AT - - - - -	DEF AT 0
6550 / 6065	DEF AT - - - - -	DEF AT 3
6760 / 6215	DEF AT - - - - -	DEF AT 4
7000 / 6386	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7120 / 6472	DEF AT poor sample interval top	POS AT 4
7720 / 6900	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 556	Date of Summary: 07-MAR-1978	First Sample Examined: 560
Lease Number: G02385	Source of Paleo: OPERATOR	Borehole MD: 9733
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8303
API Well Number: 427094004800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 560 - 9730	Water Depth: 239
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8630 / 7537	DEF AT poor sample interval bottom	DEF AT 3
8830 / 7675	DEF AT poor sample interval top	POS AT 3
9520 / 8156	DEF AT poor sample interval bottom	DEF AT 3
9580 / 8198	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9730 / 8304	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 556	Date of Summary: 01-APR-1978	First Sample Examined: 2850
Lease Number: G02385	Source of Paleo: OPERATOR	Borehole MD: 8313
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8313
API Well Number: 427094004801	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2850 - 8310	Water Depth: 239
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2850 / 2850	DEF AT first sample examined	DEF AT 1
3180 / 3179	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3360 / 3359	DEF AT - - - - -	POS AT 1
4260 / 4259	DEF AT - - - - -	DEF AT 2
4320 / 4319	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4560 / 4559	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5040 / 5039	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5820 / 5818	DEF AT - - - - -	DEF AT 4
5910 / 5908	DEF AT - - - - -	DEF AT 3
6330 / 6328	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6720 / 6718	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6990 / 6988	DEF AT - - - - -	DEF AT 3
7080 / 7078	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7200 / 7198	DEF AT - - - - -	DEF AT 4
7320 / 7318	DEF AT - - - - -	DEF AT 3
7530 / 7527	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7650 / 7647	DEF AT local marker foram increase	DEF AT 5
7680 / 7677	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
7830 / 7826	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
8310 /	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 558	Date of Summary: 03-JUN-1974	First Sample Examined: 0
Lease Number: G02386	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7000
API Well Number: 427094001100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 206
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1650 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 558	Date of Summary: 29-JAN-1974	First Sample Examined: 0
Lease Number: G02386	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7384
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7384
API Well Number: 427094002100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 199
Public Info Code: Y 31-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2640 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5980 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 560	Date of Summary: 09-AUG-1976	First Sample Examined: 350
Lease Number: G02711	Source of Paleo: OPERATOR	Borehole MD: 9318
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9318
API Well Number: 427094014400	Drilling Operator: CLARK OIL PRODUCING CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 350 - 9318	Water Depth: 256
Public Info Code: Y 28-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
350 /	DEF AT first sample examined	DEF IN 3
530 /	DEF AT Wisconsin fauna (local marker)	DEF AT 3
2120 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4700 /	DEF AT - - - - -	DEF AT 5
4880 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6330 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8910 /	DEF AT - - - - -	DEF AT 6
9318 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 560	Date of Summary: 31-AUG-1976	First Sample Examined: 3130
Lease Number: G02711	Source of Paleo: OPERATOR	Borehole MD: 8525
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8179
API Well Number: 427094018500	Drilling Operator: CLARK OIL PRODUCING CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3130 - 8500	Water Depth: 234
Public Info Code: Y 28-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3130 / 3130	DEF AT first sample examined	DEF AT 3
3131 / 3131	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3910 / 3910	DEF AT - - - - -	DEF AT 4
4510 / 4510	DEF AT - - - - -	DEF AT 5
4810 / 4810	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6790 / 6762	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6880 / 6844	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7840 / 7664	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8440 / 8116	DEF AT - - - - -	DEF AT 6
8500 / 8160	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 560	Date of Summary: 24-FEB-1981	First Sample Examined: 1000
Lease Number: G02711	Source of Paleo: OPERATOR	Borehole MD: 9497
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9209
API Well Number: 427094060600	Drilling Operator: AMINOIL INC.	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9430	Water Depth: 254
Public Info Code: Y 28-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
1480 / 1474	DEF AT - - - - -	DEF AT 4
1870 / 1838	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2660 / 2563	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3020 / 2893	DEF AT - - - - -	DEF AT 3
5020 / 4771	DEF AT - - - - -	DEF AT 4
5140 / 4887	DEF AT - - - - -	DEF AT 5
6100 / 5825	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
7000 / 6721	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8320 / 8036	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8920 / 8634	DEF AT - - - - -	DEF AT 6
9430 / 9142	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 560	Date of Summary: 12-MAY-1981	First Sample Examined: 3600
Lease Number: G02711	Source of Paleo: OPERATOR	Borehole MD: 10051
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8811
API Well Number: 427094062000	Drilling Operator: AMINOIL INC.	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3600 - 10060	Water Depth: 254
Public Info Code: Y 28-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 / 3048	DEF AT first sample examined	POS AT 3
3601 / 3048	DEF AT cement	POS AT 3
3840 / 3228	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5280 / 4314	DEF AT faunal change (no faunal increase)	DEF AT 4
5940 / 4833	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7680 / 6466	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8370 / 7139	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9630 / 8394	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10060 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 561	Date of Summary: 19-JUL-1976	First Sample Examined: 5890
Lease Number: G02712	Source of Paleo: OPERATOR	Borehole MD: 9318
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8764
API Well Number: 427094014601	Drilling Operator: CLARK OIL PRODUCING CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5890 - 9590	Water Depth: 250
Public Info Code: Y 27-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5890 / 5890	DEF AT first sample examined	POS IN 5
5950 / 5950	DEF AT - - - - -	DEF IN 5
6160 / 6158	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8090 / 7973	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9230 / 9007	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9590 / 9334	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 562	Date of Summary: 17-DEC-1979	First Sample Examined: 2220
Lease Number: G02713	Source of Paleo: OPERATOR	Borehole MD: 11704
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8283
API Well Number: 427094036600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 3	Sample Range: 2220 - 5670	Water Depth: 319
Public Info Code: Y 30-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2220 / 2166	DEF AT first sample examined	DEF IN 4
2520 / 2395	DEF AT - - - - -	DEF AT 5
3690 / 3109	DEF AT sample gap top	POS AT 5
4080 / 3335	DEF AT sample gap bottom	DEF AT 5
5100 / 3976	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5670 / 4370	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 562	Date of Summary: 17-DEC-1979	First Sample Examined: 4320
Lease Number: G02713	Source of Paleo: OPERATOR	Borehole MD: 11704
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8283
API Well Number: 427094036600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 50
Paleo Report Num: 2 of 3	Sample Range: 4320 - 11650	Water Depth: 319
Public Info Code: Y 30-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 3474	DEF AT first sample examined	DEF IN 5
5070 / 3956	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
9760 / 6964	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 5
11080 / 7863	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
11650 / 8246	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 562	Date of Summary: 17-DEC-1979	First Sample Examined: 9490
Lease Number: G02713	Source of Paleo: OPERATOR	Borehole MD: 11704
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8283
API Well Number: 427094036600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 50
Paleo Report Num: 3 of 3	Sample Range: 9490 - 10240	Water Depth: 319
Public Info Code: Y 30-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 6772	DEF AT first sample examined	DEF AT 5
10240 / 7300	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 27-MAY-1974	First Sample Examined: 3050
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 8419
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8419
API Well Number: 427094003200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3050 - 8420	Water Depth: 325
Public Info Code: Y 19-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3050 /	DEF AT first sample examined	DEF IN 4
3920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
5210 /	DEF AT - - - - -	DEF AT 5
5660 /	DEF AT - - - - -	DEF AT 4
6620 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
7100 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7820 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8420 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 31-MAY-1974	First Sample Examined: 1100
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 11756
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11756
API Well Number: 427094004300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 1100 - 11756	Water Depth: 328
Public Info Code: Y 25-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 /	DEF AT first sample examined	DEF IN 4
1940 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2800 /	DEF AT - - - -	DEF AT 4
4300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7000 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7835 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
7990 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
9070 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10360 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10389 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
10390 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11290 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
11380 /	DEF AT Bathysiphon fauna	DEF AT 5
11440 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11650 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11756 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 11-JUL-1974	First Sample Examined: 1000
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 8204
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8204
API Well Number: 427094005300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8190	Water Depth: 315
Public Info Code: Y 05-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT
1960 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2380 /	DEF AT local marker foram decrease	DEF AT 5
2940 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3660 /	DEF AT foram flood	DEF AT 5
3870 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
4080 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5610 /	DEF AT local marker foram increase	DEF AT 4
5820 /	DEF AT local marker foram decrease	DEF AT 4
6630 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
7140 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7590 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7830 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8070 /	DEF AT local marker foram decrease	DEF AT 5
8100 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8190 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 18-MAY-1976	First Sample Examined: 2810
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7514
API Well Number: 427094014200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 2810 - 10480	Water Depth: 328
Public Info Code: Y 10-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2810 / 2694	DEF AT first sample examined	DEF IN 4
3920 / 3432	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 4
4010 / 3487	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
5150 / 4198	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
5870 / 4666	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
8330 / 6209	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
8750 / 6435	DEF AT local marker deep water fauna	DEF AT 5
10480 / 7493	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 18-MAY-1976	First Sample Examined: 9380
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7514
API Well Number: 427094014200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 9380 - 10460	Water Depth: 328
Public Info Code: Y 10-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 6765	DEF AT first sample examined	DEF AT 5
10460 / 7478	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 02-AUG-1976	First Sample Examined: 3210
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 10208
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8029
API Well Number: 427094015700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3210 - 10180	Water Depth: 328
Public Info Code: Y 12-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3210 / 2687	DEF AT first sample examined	DEF IN 4
5069 / 3950	DEF AT foram flood	DEF IN 4
5070 / 3951	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 4
5400 / 4199	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
9010 / 7110	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
10058 / 7916	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10059 / 7917	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
10060 / 7917	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
10120 / 7962	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10180 / 8008	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 27-SEP-1976	First Sample Examined: 2820
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 10414
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10158
API Well Number: 427094017300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2820 - 10390	Water Depth: 328
Public Info Code: Y 21-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2820 / 2820	DEF AT first sample examined	DEF IN 4
3880 / 3880	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 4
4030 / 4030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
4300 / 4300	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
7630 / 7519	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
8170 / 8032	DEF AT poor sample interval top	POS IN 4
8200 / 8060	DEF AT local marker deep water fauna	POS AT 5
8440 / 8290	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
8920 / 8748	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS AT 5
8950 / 8777	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
9040 / 8863	DEF AT poor sample interval bottom	DEF AT 5
9220 / 9034	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9310 / 9119	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9460 / 9261	DEF AT Cyclamina sp. (local marker)	DEF AT 5
9610 / 9403	DEF AT Eggerella sp. (local marker)	DEF AT 5
9640 / 9431	DEF IN Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
9790 / 9572	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
10390 / 10137	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 563	Date of Summary: 15-NOV-1976	First Sample Examined: 2510
Lease Number: G02388	Source of Paleo: OPERATOR	Borehole MD: 6634
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6632
API Well Number: 427094020200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 2510 - 6140	Water Depth: 328
Public Info Code: Y 04-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2510 /	DEF AT first sample examined	DEF IN 4
4040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
4700 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
4790 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
5419 /	DEF AT local marker deep water fauna	DEF AT 5
5420 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
6140 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 564	Date of Summary: 14-NOV-1974	First Sample Examined: 1030
Lease Number: G02389	Source of Paleo: OPERATOR	Borehole MD: 8631
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8631
API Well Number: 427094005400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 1030 - 8630	Water Depth: 290
Public Info Code: Y 10-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 /	DEF AT first sample examined	DEF IN 4
1890 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3100 /	DEF AT local marker benthic foram increase	DEF AT 3
3670 /	DEF AT local marker deep water fauna	DEF AT 4
4240 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7030 /	DEF AT - - - - -	DEF AT 5
8310 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
8630 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 568	Date of Summary: 08-OCT-1975	First Sample Examined: 0
Lease Number: G02716	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9517
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9517
API Well Number: 427094011500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 19-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2920 / 2920	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8230 / 8230	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 568	Date of Summary: 08-SEP-1975	First Sample Examined: 1030
Lease Number: G02716	Source of Paleo: OPERATOR	Borehole MD: 11978
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11978
API Well Number: 427094011000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1030 - 11980	Water Depth: 285
Public Info Code: Y 02-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 / 1030	DEF AT first sample examined	DEF IN 3
1840 / 1840	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2440 / 2440	DEF AT - - - - -	DEF AT 4
2830 / 2830	DEF IN - - - - -	DEF AT 3
3460 / 3460	DEF AT - - - - -	DEF AT 4
4810 / 4810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6970 / 6970	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
7390 / 7390	DEF AT - - - - -	DEF AT 5
10930 / 10930	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11950 / 11950	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11980 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 569	Date of Summary: 08-DEC-1981	First Sample Examined: 2000
Lease Number: G04588	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8899
API Well Number: 427094067800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 2000 - 8880	Water Depth: 280
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT 5
2001 / 2001	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
2480 / 2480	DEF AT - - - - -	DEF AT 4
3050 / 3050	DEF AT - - - - -	DEF AT 3
4010 / 4010	DEF AT - - - - -	DEF AT 4
5450 / 5450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
8880 / 8879	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 570	Date of Summary: 19-JUN-1975	First Sample Examined: 560
Lease Number: G02390	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9250
API Well Number: 427094001600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 560 - 9250	Water Depth: 290
Public Info Code: Y 22-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
560 /	DEF AT first sample examined	DEF AT 2
561 /	DEF AT cement	DEF AT 2
740 /	DEF AT -----	DEF AT 3
1220 /	DEF AT -----	DEF AT 2
1610 /	DEF AT -----	DEF AT 3
2570 /	DEF AT -----	DEF AT 4
2930 /	DEF AT -----	DEF AT 3
3650 /	DEF AT -----	DEF AT 4
3710 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4070 /	DEF AT -----	DEF AT 3
4790 /	DEF AT -----	DEF AT 4
5390 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6470 /	DEF AT -----	DEF AT 3
6770 /	DEF AT -----	DEF AT 4
6950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7880 /	DEF AT -----	DEF AT 3
9250 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 570	Date of Summary: 07-JUN-1979	First Sample Examined: 9890
Lease Number: G02390	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13861
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 13734
API Well Number: 427094031800	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 9890 - 13860	Water Depth: 277
Public Info Code: Y 28-JUL-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9890 / 9858	DEF AT first sample examined	DEF AT 4
9900 / 9868	POS AT Lower Pleistocene (Calabrian) <i>Uvigerina hispida</i>	DEF AT 4
10310 / 10267	DEF AT <i>Cyclammina cancellata</i> (local marker)	DEF AT 4
11000 / 10937	DEF AT cement	POS AT 4
11090 / 11024	DEF AT drilling material	POS AT 4
11390 / 11318	DEF IN Upper Pliocene (Piacenzian) <i>Ceratobulimina pacifica</i>	DEF AT 5
11391 / 11319	POS AT Upper Pliocene (Piacenzian) <i>Valvulina "H" / Alvarezina sinuata</i>	DEF AT 5
11480 / 11405	POS AT Upper Pliocene (Piacenzian) <i>Cyclammina</i> sp.	DEF AT 5
12170 / 12066	DEF AT drilling material	POS AT 5
12770 / 12654	DEF AT Upper Pliocene (Piacenzian) <i>Globoquadrina altispira</i>	DEF AT 5
13200 / 13081	DEF AT drilling material	DEF AT 5
13560 / 13437	DEF AT reworked material	DEF AT 5
13860 / 13733	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 571	Date of Summary: 10-DEC-1974	First Sample Examined: 950
Lease Number: G02391	Source of Paleo: OPERATOR	Borehole MD: 8438
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8438
API Well Number: 427094004400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 950 - 8838	Water Depth: 296
Public Info Code: Y 14-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
950 /	DEF AT first sample examined	DEF AT
1290 /	DEF AT - - - - -	DEF AT 3
1680 /	DEF AT - - - - -	DEF AT 5
4470 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
7170 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8435 /	DEF AT anhydrite	DEF AT 5
8838 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 571	Date of Summary: 14-MAR-1977	First Sample Examined: 4200
Lease Number: G02391	Source of Paleo: OPERATOR	Borehole MD: 6021
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5993
API Well Number: 427094022000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 4200 - 7380	Water Depth: 296
Public Info Code: Y 22-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4200	DEF AT first sample examined	DEF AT 4
4201 / 4201	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7380 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 571	Date of Summary: 05-DEC-1977	First Sample Examined: 10530
Lease Number: G02391	Source of Paleo: OPERATOR	Borehole MD: 12350
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12345
API Well Number: 427094027100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 10530 - 12350	Water Depth: 283
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 / 10529	DEF AT first sample examined	DEF AT
10531 / 10530	DEF AT poor sample interval top	DEF AT
12349 / 12345	DEF AT poor sample interval bottom	DEF AT
12350 / 12346	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 571	Date of Summary: 08-APR-1984	First Sample Examined: 10530
Lease Number: G02391	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12350
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 12345
API Well Number: 427094027100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 10530 - 12350	Water Depth: 283
Public Info Code: Y 22-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10530 / 10529	DEF AT first sample examined	DEF AT
10531 / 10530	DEF AT poor sample interval top	DEF AT
12349 / 12345	DEF AT poor sample interval bottom	DEF AT
12350 / 12346	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 571	Date of Summary: 05-DEC-1977	First Sample Examined: 3210
Lease Number: G02391	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10999
API Well Number: 427094027170	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 3210 - 10980	Water Depth: 283
Public Info Code: Y 02-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3210 / 3210	DEF AT first sample examined	DEF AT 2
3630 / 3630	DEF AT - - - - -	DEF AT 3
3750 / 3750	DEF AT local marker foram increase	DEF AT 3
4410 / 4410	DEF AT - - - - -	DEF AT 4
4800 / 4800	DEF AT - - - - -	DEF AT 3
5430 / 5430	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5550 / 5550	DEF AT - - - - -	DEF AT 4
6120 / 6120	DEF AT - - - - -	DEF AT 3
7830 / 7830	DEF AT - - - - -	DEF AT 5
7890 / 7890	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8250 / 8250	DEF AT cement	POS AT 5
9120 / 9120	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9360 / 9360	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
9840 / 9840	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10499 / 10498	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10500 / 10499	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10650 / 10649	DEF AT sample gap top	POS AT 5
10979 / 10978	DEF AT sample gap bottom	POS AT 5
10980 / 10979	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 571	Date of Summary: 08-APR-1984	First Sample Examined: 3210
Lease Number: G02391	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 10999
API Well Number: 427094027170	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 3210 - 10980	Water Depth: 283
Public Info Code: Y 02-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3210 / 3210	DEF AT first sample examined	POS AT 3
3211 / 3211	DEF AT cement	DEF AT 3
3390 / 3390	DEF AT - - - - -	DEF IN 3
3510 / 3510	DEF AT - - - - -	DEF AT 4
3570 / 3570	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
3720 / 3720	POS AT local marker foram increase	DEF AT 4
3750 / 3750	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
3810 / 3810	DEF AT cement	POS AT 4
4200 / 4200	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4500 / 4500	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
4980 / 4980	DEF AT local marker foram increase	DEF IN 3
5970 / 5970	DEF AT - - - - -	DEF AT 4
6420 / 6420	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6930 / 6930	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7440 / 7440	DEF AT - - - - -	DEF AT 3
7590 / 7590	DEF AT - - - - -	DEF AT 4
7830 / 7830	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7831 / 7831	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8237 / 8237	DEF AT cement	POS AT 5
8850 / 8850	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 5
9840 / 9840	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 5
10080 / 10080	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 572	Date of Summary: 15-APR-1991	First Sample Examined: 0
Lease Number: G02392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14921
Well Name: C016	Paleo Done By: OPERATOR	Borehole TVD: 14075
API Well Number: 427094024200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 09-JUL-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11115 / 10492	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12645 / 11946	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
14115 / 13329	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 573	Date of Summary: 29-MAR-1976	First Sample Examined: 0
Lease Number: G02392	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12258
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10027
API Well Number: 427094012900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 324
Public Info Code: Y 30-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 4163	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
10260 / 8367	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 573	Date of Summary: 22-MAR-1974	First Sample Examined: 1440
Lease Number: G02393	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8955
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8955
API Well Number: 427094000400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1440 - 8940	Water Depth: 352
Public Info Code: Y 16-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1440 /	DEF AT first sample examined	POS AT 3
1650 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1710 /	DEF AT pyrite	DEF AT 3
2820 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3330 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
3810 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4470 /	DEF AT local marker deep water fauna	DEF IN 4
7020 /	DEF AT pyrite	DEF IN 4
7500 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
8370 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
8520 /	DEF AT local marker foram decrease	DEF AT 5
8940 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 573	Date of Summary: 21-AUG-1974	First Sample Examined: 0
Lease Number: G02393	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13504
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13504
API Well Number: 427094004700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 332
Public Info Code: Y 11-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3090 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8190 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 575	Date of Summary: 22-DEC-1980	First Sample Examined: 2535
Lease Number: G02718	Source of Paleo: OPERATOR	Borehole MD: 14180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14177
API Well Number: 427094044700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2535 - 13704	Water Depth: 294
Public Info Code: Y 24-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2535 / 2535	DEF AT first sample examined	DEF AT 4
3040 / 3040	DEF AT - - - - -	DEF AT 3
3280 / 3280	DEF AT - - - - -	DEF AT 4
3940 / 3940	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4420 / 4419	DEF AT - - - - -	DEF AT 3
5350 / 5349	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5770 / 5769	DEF AT - - - - -	DEF AT 4
6340 / 6339	DEF AT sample gap top	POS AT 4
6850 / 6849	DEF AT sample gap bottom	DEF AT 5
6940 / 6939	DEF AT - - - - -	DEF AT 4
8750 / 8748	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9590 / 9588	DEF AT - - - - -	DEF AT 2
9860 / 9858	DEF AT - - - - -	DEF AT 3
10250 / 10247	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10280 / 10277	DEF AT - - - - -	DEF AT 4
10520 / 10517	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
10880 / 10877	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
11420 / 11417	DEF AT Cyclammina sp. (local marker)	DEF AT 6
11750 / 11747	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 6
12530 / 12527	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
12650 / 12647	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
13610 / 13606	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 575	Date of Summary: 22-DEC-1980	First Sample Examined: 2535
Lease Number: G02718	Source of Paleo: OPERATOR	Borehole MD: 14180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14177
API Well Number: 427094044700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 2535 - 13704	Water Depth: 294
Public Info Code: Y 24-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13704 / 13700	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 575	Date of Summary: 22-DEC-1980	First Sample Examined: 12587
Lease Number: G02718	Source of Paleo: OPERATOR	Borehole MD: 14180
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14177
API Well Number: 427094044700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 12587 - 14178	Water Depth: 294
Public Info Code: Y 24-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12587 / 12584	DEF AT first sample examined	DEF AT 6
12650 / 12647	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 6
13610 / 13606	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
13730 / 13726	DEF AT - - - - -	DEF AT 6
14030 / 14026	DEF AT - - - - -	DEF AT 4
14178 / 14174	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 578	Date of Summary: 05-JAN-1984	First Sample Examined: 1400
Lease Number: G04589	Source of Paleo: OPERATOR	Borehole MD: 8349
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8348
API Well Number: 427094078700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1400 - 8330	Water Depth: 315
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 / 1400	DEF AT first sample examined	DEF AT 3
1940 / 1940	DEF AT -----	DEF AT 4
2030 / 2030	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
2150 / 2150	DEF AT -----	DEF AT 4
2300 / 2300	DEF AT -----	DEF AT 3
2660 / 2660	DEF AT -----	DEF AT 4
3410 / 3410	DEF AT -----	DEF AT 3
6920 / 6920	DEF AT -----	DEF AT 4
6950 / 6950	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7190 / 7190	DEF AT -----	DEF AT 3
7670 / 7669	DEF AT -----	DEF AT 4
7910 / 7909	DEF AT -----	DEF AT 3
8330 / 8329	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

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Area Block: HI A 579	Date of Summary: 26-FEB-1986	First Sample Examined: 0
Lease Number: G05012	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13751
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12242
API Well Number: 427094083501	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 389
Public Info Code: Y 09-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7750	DEF AT - - - - -	DEF AT 5
9310 / 9107	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
12370 / 11337	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 582	Date of Summary: 07-FEB-1975	First Sample Examined: 1430
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 12507
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9995
API Well Number: 427094007700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 1430 - 12480	Water Depth: 327
Public Info Code: Y 28-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1430 / 1430	DEF AT first sample examined	DEF IN 4
1910 / 1906	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 5
3300 / 3035	DEF AT - - - - -	DEF AT 4
4800 / 4107	DEF AT - - - - -	DEF AT 5
5670 / 4760	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
9300 / 7490	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10620 / 8494	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
11010 / 8794	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
12480 / 9972	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 582	Date of Summary: 19-NOV-1975	First Sample Examined: 1430
Lease Number: G02719	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12507
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9995
API Well Number: 427094007700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 1430 - 12480	Water Depth: 327
Public Info Code: Y 28-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1430 / 1430	DEF AT first sample examined	DEF AT 3
1550 / 1550	DEF AT local marker foram increase	DEF AT 3
1610 / 1609	DEF AT local marker foram decrease	DEF AT 3
1790 / 1788	DEF AT local marker benthic foram increase	DEF AT 4
1970 / 1964	DEF AT local marker deep water fauna	DEF AT 5
3570 / 3233	POS AT local marker foram decrease	DEF AT 5
4800 / 4107	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
5400 / 4553	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
5401 / 4554	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
6930 / 5691	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 4
8220 / 6661	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 4
9000 / 7260	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
10950 / 8748	DEF AT local marker planktic foram increase	DEF AT 5
11218 / 8956	DEF AT pyrite	DEF AT 5
11219 / 8956	DEF AT limestone	DEF AT 5
11220 / 8957	DEF AT local marker benthic foram increase	DEF AT 5
11280 / 9004	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
11670 / 9310	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12450 / 9947	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
12480 / 9972	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 582	Date of Summary: 23-JUN-1975	First Sample Examined: 940
Lease Number: G02719	Source of Paleo: OPERATOR	Borehole MD: 12291
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10400
API Well Number: 427094009400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 940 - 12294	Water Depth: 385
Public Info Code: Y 15-JUL-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
940 / 940	DEF AT first sample examined	POS IN 4
941 / 941	DEF AT cement	POS IN 4
1180 / 1179	DEF AT local marker benthic foram increase	DEF IN 4
1840 / 1821	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
3130 / 3025	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
5140 / 4668	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6730 / 5919	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
7330 / 6390	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
7870 / 6822	DEF AT local marker deep water fauna	DEF AT 5
8110 / 7013	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
8710 / 7460	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
9970 / 8430	DEF AT local marker benthic foram increase	DEF AT 5
12294 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: HI A 586	Date of Summary: 10-JAN-1978	First Sample Examined: 1800
Lease Number: G02781	Source of Paleo: OPERATOR	Borehole MD: 7667
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7667
API Well Number: 427094015100	Drilling Operator: TEXACO INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1800 - 7660	Water Depth: 416
Public Info Code: Y 22-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 / 1800	DEF AT first sample examined	DEF AT
1801 / 1801	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3450 / 3450	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4620 / 4620	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6690 / 6688	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6990 / 6988	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7350 / 7347	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7410 / 7407	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7560 / 7556	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7620 / 7616	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
7660 / 7656	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 21	Date of Summary: 23-OCT-1989	First Sample Examined: 1690
Lease Number: G04936	Source of Paleo: OPERATOR	Borehole MD: 10015
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9997
API Well Number: 608174018300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1690 - 10008	Water Depth: 587
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1690 / 1690	DEF AT first sample examined	DEF AT 4
1940 / 1940	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2400 / 2400	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
2840 / 2840	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2900 / 2900	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3500 / 3500	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
3650 / 3650	DEF AT - - - -	DEF AT 4
3860 / 3860	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3861 / 3861	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
4160 / 4160	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4640 / 4640	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5540 / 5540	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
6430 / 6429	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8540 / 8534	DEF AT - - - -	DEF AT 5
10008 / 9990	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 23	Date of Summary: 08-AUG-1989	First Sample Examined: 2017
Lease Number: G06937	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10300
API Well Number: 608174025600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 2017 - 10300	Water Depth: 894
Public Info Code: Y 29-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2017 / 2017	DEF AT first sample examined	DEF AT 4
2710 / 2710	DEF AT - - - - -	DEF AT 5
2770 / 2770	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3610 / 3610	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3730 / 3730	DEF AT - - - - -	DEF AT 4
4210 / 4210	DEF AT - - - - -	DEF AT 3
5020 / 5020	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5410 / 5410	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5560 / 5560	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
5770 / 5770	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5771 / 5771	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
6550 / 6549	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9640 / 9638	DEF AT - - - - -	DEF AT 5
10300 / 10297	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 28	Date of Summary: 25-FEB-1982	First Sample Examined: 3320
Lease Number: G04256	Source of Paleo: OPERATOR	Borehole MD: 14648
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14629
API Well Number: 608174013600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3320 - 14600	Water Depth: 1775
Public Info Code: Y 21-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3320 / 3320	DEF AT first sample examined	DEF AT
3530 / 3530	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5569 / 5569	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
5570 / 5570	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6170 / 6170	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
7640 / 7639	DEF AT local marker deep water fauna	DEF AT 6
8150 / 8149	DEF AT local marker benthic foram increase	DEF AT 6
9170 / 9168	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
10550 / 10545	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 6
11329 / 11322	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11330 / 11323	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 6
12590 / 12582	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 6
13400 / 13391	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
13940 / 13929	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
14600 / 14582	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 28	Date of Summary: 08-AUG-1983	First Sample Examined: 0
Lease Number: G04256	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12194
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10891
API Well Number: 608174016900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1790
Public Info Code: Y 21-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5370 / 5370	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6240 / 6235	DEF AT Upper Miocene (Messinian) Textularia tatumii	DEF AT

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Area Block: MC 63	Date of Summary: 01-JAN-1978	First Sample Examined: 1470
Lease Number: G03206	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15010
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13044
API Well Number: 608174003800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1470 - 15010	Water Depth: 526
Public Info Code: Y 26-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1470 / 1470	DEF AT first sample examined	POS AT 4
1471 / 1471	DEF AT poor sample interval top	POS AT 4
1830 / 1830	DEF IN Holocene Globorotalia inflata	DEF AT 4
2180 / 2180	DEF AT local marker foram increase	DEF AT 4
2240 / 2240	DEF AT local marker deep water fauna	DEF AT 5
2800 / 2800	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
2890 / 2890	DEF AT pyrite	DEF AT 5
3160 / 3160	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3550 / 3550	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3551 / 3551	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
3910 / 3910	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
4060 / 4060	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4180 / 4180	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
4239 / 4239	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
4240 / 4240	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
4510 / 4510	DEF AT - - - -	DEF AT 3
5860 / 5844	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
6990 / 6881	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
7770 / 7510	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
7890 / 7599	DEF AT pyrite	DEF AT 4
9030 / 8440	DEF AT gray shale	DEF AT 4
9240 / 8581	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 63	Date of Summary: 01-JAN-1978	First Sample Examined: 1470
Lease Number: G03206	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15010
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13044
API Well Number: 608174003800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1470 - 15010	Water Depth: 526
Public Info Code: Y 26-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9690 / 8905	DEF AT pyrite	DEF AT 4
10770 / 9732	DEF AT cement	POS AT 4
11190 / 10057	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11310 / 10151	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12060 / 10746	DEF AT Eggerella 3 (local marker)	DEF AT 5
12360 / 10988	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
12810 / 11335	DEF AT cement	POS AT 5
12930 / 11425	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13590 / 11940	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
13949 / 12226	DEF IN Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
13950 / 12227	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
14100 / 12343	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
15009 / 13044	DEF AT poor sample interval bottom	DEF AT 5
15010 / 13045	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 67	Date of Summary: 26-OCT-1989	First Sample Examined: 2270
Lease Number: G02973	Source of Paleo: OPERATOR	Borehole MD: 12003
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12003
API Well Number: 608174003100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 2270 - 11990	Water Depth: 1159
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2270 /	DEF AT first sample examined	DEF AT 4
2500 /	DEF AT - - - - -	DEF AT 5
2750 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3110 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3410 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3590 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3770 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
3889 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3890 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
3950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4300 /	DEF AT - - - - -	DEF AT 4
5720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7640 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8630 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8750 /	DEF AT - - - - -	DEF AT 5
8950 /	DEF AT - - - - -	DEF AT 6
9550 /	DEF AT - - - - -	DEF AT 4
11990 /	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 15-MAR-1976	First Sample Examined: 2180
Lease Number: G02974	Source of Paleo: OPERATOR	Borehole MD: 8264
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8264
API Well Number: 608174001000	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 63
Paleo Report Num: 1 of 2	Sample Range: 2180 - 8264	Water Depth: 1121
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2180 /	DEF AT first sample examined	DEF IN 4
2270 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
3080 /	DEF AT - - - - -	DEF AT 5
3260 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3680 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
3710 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
4670 /	DEF AT - - - - -	DEF AT 3
6740 /	DEF AT - - - - -	DEF AT 4
8264 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 24-JUL-1976	First Sample Examined: 2180
Lease Number: G02974	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8264
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8264
API Well Number: 608174001000	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 2180 - 8264	Water Depth: 1121
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2180 /	DEF AT first sample examined	DEF IN 3
2240 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
2480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3020 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3080 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3110 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3260 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3320 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
3440 /	DEF AT pyrite	DEF AT 4
3680 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3710 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
3740 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4370 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
4640 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
8264 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 15-JAN-1976	First Sample Examined: 8264
Lease Number: G02974	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11739
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11739
API Well Number: 608174001001	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 63
Paleo Report Num: 1 of 2	Sample Range: 8264 - 11720	Water Depth: 1121
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8264 /	DEF AT first sample examined	DEF IN 3
9140 /	DEF AT Cyclammina cancellata (local marker)	POS AT 4
9390 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9500 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10520 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10550 /	DEF AT Bathysiphon fauna	DEF AT 5
11720 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 15-JUL-1976	First Sample Examined: 8264
Lease Number: G02974	Source of Paleo: OPERATOR	Borehole MD: 11739
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11739
API Well Number: 608174001001	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 8264 - 11720	Water Depth: 1121
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8264 /	DEF AT first sample examined	DEF AT 4
10520 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11720 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 18-JAN-1976	First Sample Examined: 1700
Lease Number: G02974	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 2337
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 2337
API Well Number: 608174002200	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 62
Paleo Report Num: 1 of 2	Sample Range: 1700 - 2337	Water Depth: 1276
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1700 /	DEF AT first sample examined	DEF IN 3
1730 /	DEF IN Holocene Globorotalia inflata	DEF AT 4
2337 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 09-MAR-1976	First Sample Examined: 1700
Lease Number: G02974	Source of Paleo: OPERATOR	Borehole MD: 2337
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 2337
API Well Number: 608174002200	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 62
Paleo Report Num: 2 of 2	Sample Range: 1700 - 2337	Water Depth: 1276
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1700 /	DEF AT first sample examined	DEF IN 3
1790 /	DEF AT - - - - -	DEF AT 4
2000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
2337 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 20-JAN-1976	First Sample Examined: 2337
Lease Number: G02974	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11623
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 11623
API Well Number: 608174002600	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 2337 - 11610	Water Depth: 1276
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2337 /	DEF AT first sample examined	DEF AT 4
2610 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
2700 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3330 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3479 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
3510 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4110 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
4200 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
5310 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
5910 /	DEF AT pyrite	DEF AT 4
7800 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8670 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
10410 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
10980 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11610 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 09-MAR-1976	First Sample Examined: 2337
Lease Number: G02974	Source of Paleo: OPERATOR	Borehole MD: 11623
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11623
API Well Number: 608174002600	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 2337 - 11610	Water Depth: 1276
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2337 /	DEF AT first sample examined	DEF AT 4
3000 /	DEF AT - - - - -	DEF AT 5
3600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4620 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6600 /	DEF AT - - - - -	DEF AT 4
7830 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10950 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11490 /	DEF AT - - - - -	DEF AT 5
11520 /	DEF AT anhydrite	POS AT 5
11610 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 68	Date of Summary: 06-APR-1976	First Sample Examined: 2350
Lease Number: G02974	Source of Paleo: OPERATOR	Borehole MD: 9495
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9495
API Well Number: 608174003000	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 2350 - 9499	Water Depth: 1150
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 /	DEF AT first sample examined	DEF IN 4
2351 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
3400 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
3550 /	DEF AT - - - - -	DEF AT 5
3610 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5410 /	DEF AT - - - - -	DEF AT 3
6850 /	DEF AT - - - - -	DEF AT 4
9499 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 112	Date of Summary: 28-JUL-1977	First Sample Examined: 3220
Lease Number: G02971	Source of Paleo: OPERATOR	Borehole MD: 10562
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10562
API Well Number: 608174004300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3220 - 10562	Water Depth: 1610
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3220 /	DEF AT first sample examined	DEF AT 4
3760 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3820 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4240 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4390 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5530 /	DEF AT - - - - -	DEF AT 4
7170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8040 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
8280 /	DEF AT - - - - -	DEF AT 5
10530 /	DEF AT anhydrite	DEF AT
10562 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 112	Date of Summary: 23-SEP-1977	First Sample Examined: 3500
Lease Number: G02971	Source of Paleo: OPERATOR	Borehole MD: 11887
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11887
API Well Number: 608174004800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 3500 - 11870	Water Depth: 1895
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF IN 4
3830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4040 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4070 /	DEF AT - - - - -	DEF AT 5
4190 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4700 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7280 /	DEF AT - - - - -	DEF AT 4
10790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11750 /	DEF AT - - - - -	DEF AT 5
11810 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11870 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 113	Date of Summary: 03-MAR-1976	First Sample Examined: 3892
Lease Number: G02972	Source of Paleo: OPERATOR	Borehole MD: 11767
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11767
API Well Number: 608174001100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3892 - 11767	Water Depth: 1793
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3892 /	DEF AT first sample examined	DEF IN 4
3960 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4050 /	DEF AT - - - - -	DEF AT 5
4200 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4680 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7130 /	DEF AT - - - - -	DEF AT 3
7310 /	DEF AT - - - - -	DEF AT 4
10850 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11240 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11630 /	DEF AT - - - - -	DEF AT 5
11767 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 113	Date of Summary: 17-MAY-1976	First Sample Examined: 3340
Lease Number: G02972	Source of Paleo: OPERATOR	Borehole MD: 11455
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11455
API Well Number: 608174002400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3340 - 11440	Water Depth: 1793
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3340 /	DEF AT first sample examined	DEF IN 5
3610 /	DEF AT - - - - -	DEF AT 4
3940 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4120 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4660 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9460 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
10570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11170 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11440 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 113	Date of Summary: 26-JUL-1976	First Sample Examined: 3580
Lease Number: G02972	Source of Paleo: OPERATOR	Borehole MD: 11450
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11450
API Well Number: 608174003300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3580 - 11450	Water Depth: 1986
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3580 /	DEF AT first sample examined	DEF IN 4
3850 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4240 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4660 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6090 /	DEF AT - - - - -	DEF AT 4
8580 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10260 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11190 /	DEF AT - - - - -	DEF AT 5
11340 /	DEF AT anhydrite	DEF AT
11450 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 148	Date of Summary: 01-NOV-1977	First Sample Examined: 1020
Lease Number: G02640	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14720
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14720
API Well Number: 608174000000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 1020 - 14720	Water Depth: 696
Public Info Code: Y 22-FEB-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 /	DEF AT first sample examined	DEF IN 4
1770 /	DEF AT cement	POS IN 4
1860 /	DEF AT local marker deep water fauna	DEF AT 5
2190 /	DEF AT local marker planktic foram increase	DEF AT 5
2340 /	DEF AT local marker planktic foram increase	DEF AT 5
3030 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3240 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3510 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 5
3660 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3810 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
4020 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
4380 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4650 /	DEF AT local marker planktic foram increase	DEF AT 5
4920 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5130 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5131 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
5550 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6969 /	DEF IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
7830 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9480 /	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 4
10830 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11250 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 148	Date of Summary: 01-NOV-1977	First Sample Examined: 1020
Lease Number: G02640	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14720
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14720
API Well Number: 608174000000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 1020 - 14720	Water Depth: 696
Public Info Code: Y 22-FEB-1977	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11460 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11999 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12000 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12780 /	POS AT local marker deep water fauna	DEF AT 5
13140 /	DEF AT gray shale	DEF AT 5
13730 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
14342 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
14343 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
14720 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 150	Date of Summary: 29-MAR-1979	First Sample Examined: 1950
Lease Number: G02642	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13809
Well Name: 002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13809
API Well Number: 608174002500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1950 - 13809	Water Depth: 887
Public Info Code: Y 06-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1950 / 1950	DEF AT first sample examined	DEF AT 4
3210 / 3210	DEF AT local marker planktic foram increase	DEF AT 4
3360 / 3360	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3790 / 3790	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
3820 / 3820	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
4210 / 4210	DEF AT local marker foram increase	DEF AT 5
4630 / 4630	DEF AT local marker foram decrease	DEF AT 5
4690 / 4690	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
4900 / 4900	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4990 / 4990	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
5140 / 5140	DEF AT - - - -	POS IN 3
5200 / 5200	DEF AT local marker planktic foram increase	DEF AT 4
5650 / 5650	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
5680 / 5680	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5710 / 5710	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6340 / 6340	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7120 / 7120	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
8200 / 8200	DEF AT pyrite	DEF AT 4
9450 / 9450	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10750 / 10749	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11500 / 11499	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11740 / 11739	DEF AT local marker foram decrease	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 150	Date of Summary: 29-MAR-1979	First Sample Examined: 1950
Lease Number: G02642	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13809
Well Name: 002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13809
API Well Number: 608174002500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1950 - 13809	Water Depth: 887
Public Info Code: Y 06-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12460 / 12459	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
12461 / 12460	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
13790 / 13789	DEF AT Eggerella sp. (local marker)	DEF AT 5
13809 / 13808	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 151	Date of Summary: 28-JAN-1976	First Sample Examined: 3860
Lease Number: G02643	Source of Paleo: OPERATOR	Borehole MD: 19190
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6988
API Well Number: 608174000501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3860 - 10576	Water Depth: 1014
Public Info Code: Y 07-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3860	DEF AT first sample examined	DEF AT
5340 / 5304	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10576 / 9734	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 151	Date of Summary: 02-SEP-1990	First Sample Examined: 0
Lease Number: G02643	Source of Paleo: OPERATOR	Borehole MD: 9770
Well Name: A029	Paleo Done By: OPERATOR	Borehole TVD: 9770
API Well Number: 608174000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1014
Public Info Code: Y 16-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4315 / 4315	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5350 / 5350	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9445 / 9444	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 192	Date of Summary: 25-AUG-1991	First Sample Examined: 5160
Lease Number: G02636	Source of Paleo: OPERATOR	Borehole MD: 12977
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12977
API Well Number: 608174004200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5160 - 12500	Water Depth: 782
Public Info Code: Y 06-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5160 /	DEF AT first sample examined	DEF AT 4
5250 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
5400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8970 /	DEF AT sample gap top	POS AT 4
12499 /	DEF AT sample gap bottom	POS AT 4
12500 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 192	Date of Summary: 15-MAY-1992	First Sample Examined: 12500
Lease Number: G02636	Source of Paleo: OPERATOR	Borehole MD: 14104
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14104
API Well Number: 608174004201	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 12500 - 14100	Water Depth: 782
Public Info Code: Y 08-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12520 /	DEF AT first sample examined	DEF AT 5
12730 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14100 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 194	Date of Summary: 21-AUG-1975	First Sample Examined: 1790
Lease Number: G02638	Source of Paleo: OPERATOR	Borehole MD: 9750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9750
API Well Number: 608174000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 1790 - 9750	Water Depth: 1023
Public Info Code: Y 16-AUG-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1790 / 1790	DEF AT first sample examined	DEF AT
5090 / 5090	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9750 / 9750	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 194	Date of Summary: 01-NOV-1977	First Sample Examined: 1790
Lease Number: G02638	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9750
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9750
API Well Number: 608174000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 1790 - 9750	Water Depth: 1023
Public Info Code: Y 16-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1790 / 1790	DEF AT first sample examined	POS AT 3
2005 / 2005	DEF AT -----	DEF AT 3
2130 / 2130	DEF AT -----	DEF AT 4
2320 / 2320	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2760 / 2760	DEF AT -----	DEF AT 4
3390 / 3390	DEF AT -----	DEF AT 5
3585 / 3585	DEF AT cement	POS AT 5
3890 / 3890	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
3955 / 3955	DEF AT pyrite	DEF AT 5
4290 / 4290	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5000 / 5000	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5090 / 5090	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
5290 / 5290	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6030 / 6030	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7649 / 7649	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
7650 / 7650	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8810 / 8810	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9750 / 9750	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 194	Date of Summary: 16-JAN-1976	First Sample Examined: 10500
Lease Number: G02638	Source of Paleo: OPERATOR	Borehole MD: 13930
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13930
API Well Number: 608174000900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 10500 - 13930	Water Depth: 1023
Public Info Code: Y 04-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Cognac Prospect

MD / TVD	Paleo Top Description	Ecozone
4050 / 4050	DEF AT first sample examined	DEF AT
4051 / 4051	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT
4180 / 4180	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4600 / 4600	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
5250 / 5250	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7660 / 7660	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9900 / 9900	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
10920 / 10920	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
13780 / 13778	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13930 / 13928	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 194	Date of Summary: 15-SEP-1975	First Sample Examined: 3830
Lease Number: G02642	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10163
API Well Number: 608174000301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3830 - 10990	Water Depth: 848
Public Info Code: Y 13-SEP-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Bypass report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 / 3830	DEF AT first sample examined	DEF AT
5300 / 5270	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10990 / 10155	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 198	Date of Summary: 27-JUN-1980	First Sample Examined: 3770
Lease Number: G04135	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10777
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10777
API Well Number: 608174010200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3770 - 10777	Water Depth: 2211
Public Info Code: Y 09-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3770 /	DEF AT first sample examined	POS AT 4
3771 /	DEF AT cement	DEF AT 4
3800 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
3950 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
4040 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4130 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
4399 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
4400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6230 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
6450 /	DEF AT sample gap top	POS AT 5
8210 /	DEF AT sample gap bottom	DEF AT 5
9320 /	DEF AT Bathysiphon fauna	DEF AT 5
10400 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10777 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 238	Date of Summary: 18-MAR-1987	First Sample Examined: 2740
Lease Number: G06942	Source of Paleo: OPERATOR	Borehole MD: 10772
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10319
API Well Number: 608174029600	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2740 - 10750	Water Depth: 1452
Public Info Code: Y 26-JUN-1987	Ecozone Eq MMS: N	Paleo ID: 002

Remark: Consultant-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
2740 / 2740	DEF AT first sample examined	DEF AT 3
2741 / 2741	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT 3
4150 / 4149	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
4510 / 4509	DEF AT faunal change (no faunal increase)	DEF AT 3
5199 / 5197	POS AT unconformity	DEF AT 3
5200 / 5198	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
5350 / 5348	DEF IN Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 3
5420 / 5418	DEF AT Lower Pliocene (Zanclian) Discoaster variabilis	DEF AT 3
5530 / 5528	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT 3
5650 / 5648	DEF AT faunal change (no faunal increase)	DEF AT 2
6070 / 6067	DEF AT faunal change (no faunal increase)	DEF AT 3
6250 / 6246	DEF AT faunal change (no faunal increase)	DEF AT 2
6650 / 6634	DEF AT faunal change (no faunal increase)	DEF AT 3
7300 / 7216	DEF AT faunal change (no faunal increase)	DEF AT 2
8470 / 8224	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 2
9430 / 9083	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 2
9910 / 9526	DEF AT faunal change (no faunal increase)	DEF AT 3
10200 / 9796	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
10750 / 10304	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 238	Date of Summary: 18-MAR-1987	First Sample Examined: 2740
Lease Number: G06942	Source of Paleo: OPERATOR	Borehole MD: 10772
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10319
API Well Number: 608174029600	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2740 - 10750	Water Depth: 1452
Public Info Code: Y 26-JUN-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
2740 / 2740	DEF AT first sample examined	DEF AT
2741 / 2741	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "A"	DEF AT
5470 / 5468	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
5530 / 5528	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
8470 / 8224	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9430 / 9083	POS AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
10720 / 10277	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 02-MAR-1980	First Sample Examined: 740
Lease Number: G02969	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12430
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11988
API Well Number: 608174007100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 2	Sample Range: 740 - 12430	Water Depth: 343
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
740 / 740	DEF AT first sample examined	POS IN 2
980 / 980	DEF AT Turtle Grass fauna = Amphistegina Mound	POS IN 2
1100 / 1100	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
1310 / 1310	DEF AT - - - -	DEF AT 3
1400 / 1400	DEF AT cement	DEF AT 3
1610 / 1610	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1790 / 1790	DEF AT local marker planktic foram increase	DEF AT 4
2090 / 2090	POS AT Illinoian fauna (local marker)	DEF AT 4
2390 / 2390	DEF AT pyrite	DEF AT 4
2420 / 2420	DEF AT drilling material	DEF AT 4
2540 / 2540	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
2690 / 2689	POS AT local marker foram increase	DEF AT 4
2720 / 2719	DEF AT local marker foram decrease	DEF AT 4
2780 / 2778	DEF AT local marker foram increase	DEF AT 4
2870 / 2867	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3049 / 3042	DEF AT pyrite	DEF AT 4
3050 / 3043	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3380 / 3359	DEF AT pyrite	DEF AT 3
3770 / 3724	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3980 / 3920	DEF AT pyrite	DEF AT 3
5330 / 5186	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
5570 / 5412	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4

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UNITED STATES DEPARTMENT OF THE INTERIOR
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GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 02-MAR-1980	First Sample Examined: 740
Lease Number: G02969	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12430
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11988
API Well Number: 608174007100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 1 of 2	Sample Range: 740 - 12430	Water Depth: 343
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5660 / 5497	DEF AT local marker foram decrease	DEF IN 4
6440 / 6233	DEF AT pyrite	DEF IN 4
7790 / 7491	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 4
7820 / 7519	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 4
8090 / 7769	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 4
8120 / 7797	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8600 / 8242	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9200 / 8802	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9350 / 8946	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9440 / 9034	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9560 / 9152	DEF AT pyrite	DEF AT 4
9980 / 9565	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10280 / 9861	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
10700 / 10278	DEF AT cement	DEF AT 3
11090 / 10666	DEF AT Eggerella sp. (local marker)	DEF AT 3
11174 / 10749	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 3
11570 / 11143	DEF AT gray shale	DEF AT 3
12430 / 11999	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 30-JAN-1986	First Sample Examined: 740
Lease Number: G02969	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12430
Well Name: A001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11988
API Well Number: 608174007100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 2 of 2	Sample Range: 740 - 12430	Water Depth: 343
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
740 / 740	DEF AT first sample examined	DEF AT 3
741 / 741	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
920 / 920	DEF AT pyrite	DEF AT 3
950 / 950	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
980 / 980	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1160 / 1160	DEF AT local marker foram increase	DEF AT 3
1400 / 1400	DEF AT cement	POS AT 3
1610 / 1610	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1670 / 1670	DEF AT local marker foram increase	DEF AT 3
2060 / 2060	DEF AT pyrite	DEF AT 3
2090 / 2090	DEF AT local marker foram decrease	DEF AT 3
2690 / 2689	POS AT local marker foram increase	DEF AT 4
2720 / 2719	DEF AT drilling material	POS AT 4
3050 / 3043	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3440 / 3416	DEF AT cement	POS AT 4
5329 / 5185	DEF AT pyrite	DEF AT 4
5330 / 5186	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5331 / 5187	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5509 / 5354	DEF AT drilling material	POS AT 4
5510 / 5355	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5570 / 5412	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
5690 / 5525	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 30-JAN-1986	First Sample Examined: 740
Lease Number: G02969	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12430
Well Name: A001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11988
API Well Number: 608174007100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 2 of 2	Sample Range: 740 - 12430	Water Depth: 343
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6590 / 6374	DEF AT oxidized shale	POS AT 3
6620 / 6402	DEF AT drilling material	DEF AT 3
6710 / 6487	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6800 / 6571	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
7190 / 6934	DEF AT local marker foram increase	DEF IN 3
7250 / 6990	DEF AT local marker foram decrease	POS IN 3
7670 / 7380	DEF AT cement	POS IN 3
7940 / 7630	DEF AT local marker foram increase	DEF AT 4
8000 / 7686	POS AT cement	POS AT 4
8030 / 7714	DEF AT pyrite	POS AT 4
8510 / 8159	DEF AT local marker foram increase	DEF AT 4
8600 / 8242	DEF AT sand	DEF AT 4
8900 / 8520	DEF AT cement	POS AT 4
9320 / 8917	DEF AT local marker foram increase	DEF AT 4
9440 / 9034	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9530 / 9122	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9590 / 9181	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10070 / 9653	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10160 / 9742	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF IN 4
10190 / 9772	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10310 / 9891	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10370 / 9950	DEF AT - - - -	DEF IN 4
10430 / 10010	DEF AT Arenaceous fauna (local marker)	DEF IN 4
10520 / 10099	DEF AT local marker foram decrease	POS IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 30-JAN-1986	First Sample Examined: 740
Lease Number: G02969	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12430
Well Name: A001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11988
API Well Number: 608174007100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 135
Paleo Report Num: 2 of 2	Sample Range: 740 - 12430	Water Depth: 343
Public Info Code: Y 21-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description			Ecozone
10580 / 10159	DEF AT cement	POS	AT	3
10581 / 10160	DEF AT pyrite	POS	AT	3
11120 / 10696	DEF AT Arenaceous fauna (local marker)	DEF	IN	3
11150 / 10725	DEF AT cement	DEF	IN	3
11151 / 10726	DEF AT poor sample interval top	DEF	IN	3
12429 / 11998	DEF AT poor sample interval bottom	DEF	IN	3
12430 / 11999	DEF AT last sample examined	DEF	IN	3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 18-APR-1976	First Sample Examined: 1350
Lease Number: G02970	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12221
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12221
API Well Number: 608174000700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1350 - 12221	Water Depth: 343
Public Info Code: Y 09-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF AT 3
1470 / 1470	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1590 / 1590	DEF AT pyrite	DEF AT 3
2070 / 2070	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
2310 / 2310	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3030 / 3030	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3510 / 3510	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 3
5040 / 5040	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5070 / 5070	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
6450 / 6449	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6595 / 6594	DEF AT drilling material	POS AT 4
7410 / 7408	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8850 / 8846	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9250 / 9246	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9450 / 9445	DEF AT pyrite	DEF AT 4
9719 / 9714	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9720 / 9715	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9750 / 9745	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9810 / 9805	DEF AT pyrite	DEF AT 4
10080 / 10074	DEF AT pyrite	DEF AT 4
10470 / 10464	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10530 / 10524	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 268	Date of Summary: 18-APR-1976	First Sample Examined: 1350
Lease Number: G02970	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12221
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12221
API Well Number: 608174000700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1350 - 12221	Water Depth: 343
Public Info Code: Y 09-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11908 / 11898	DEF AT Bathysiphon fauna	DEF AT 5
11910 / 11900	DEF AT Eggerella sp. (local marker)	DEF AT 4
11959 / 11949	DEF AT Cyclammia cancellata (local marker)	DEF AT 5
11960 / 11950	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
12221 / 12211	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 281	Date of Summary: 03-MAR-1978	First Sample Examined: 2000
Lease Number: G03205	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11333
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11333
API Well Number: 608174002100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 2000 - 11300	Water Depth: 1018
Public Info Code: Y 06-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	POS AT 5
2001 / 2001	DEF AT cement	POS AT 5
2360 / 2360	DEF AT local marker deep water fauna	DEF AT 5
2600 / 2600	DEF AT local marker planktic foram increase	DEF AT 5
3220 / 3220	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 5
4820 / 4820	DEF AT pyrite	DEF AT 5
4880 / 4880	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5059 / 5059	DEF AT pyrite	DEF AT 5
5060 / 5060	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
6260 / 6260	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6261 / 6261	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6380 / 6380	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6680 / 6680	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
6980 / 6980	DEF AT drilling material	DEF AT 5
7099 / 7099	DEF AT siltstone	DEF AT 5
7100 / 7100	DEF AT local marker foram decrease	DEF AT 5
7220 / 7220	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7400 / 7400	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7460 / 7460	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8450 / 8450	DEF AT local marker foram increase	DEF AT 5
8810 / 8810	DEF AT local marker foram decrease	DEF AT 5
9110 / 9110	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 281	Date of Summary: 03-MAR-1978	First Sample Examined: 2000
Lease Number: G03205	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11333
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11333
API Well Number: 608174002100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 2000 - 11300	Water Depth: 1018
Public Info Code: Y 06-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9260 / 9260	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9380 / 9379	POS AT Cyclammina cancellata (local marker)	DEF AT 5
9480 / 9479	DEF AT local marker planktic foram increase	DEF AT 5
10145 / 10144	DEF AT cement	DEF AT
10429 / 10428	DEF AT anhydrite	DEF AT
10430 / 10429	POS AT salt	DEF AT
11300 / 11298	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 281	Date of Summary: 02-MAR-1978	First Sample Examined: 4330
Lease Number: G03205	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13339
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12586
API Well Number: 608174002101	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 4330 - 13340	Water Depth: 1018
Public Info Code: Y 18-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4330 / 4330	DEF AT first sample examined	POS AT 5
4331 / 4331	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4480 / 4480	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5080 / 5068	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5920 / 5866	DEF AT pyrite	DEF AT 5
6430 / 6350	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6520 / 6435	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
7780 / 7589	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
7810 / 7616	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
8920 / 8627	DEF AT local marker planktic foram increase	DEF AT 5
8980 / 8682	DEF AT drilling material	POS AT 5
10330 / 9912	DEF AT gray shale	DEF AT 5
10509 / 10073	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10510 / 10074	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11260 / 10739	DEF AT drilling material	DEF AT 5
11680 / 11107	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11740 / 11160	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12640 / 11944	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13340 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 282	Date of Summary: 18-MAR-1998	First Sample Examined: 4540
Lease Number: G03819	Source of Paleo: OPERATOR	Borehole MD: 15405
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15405
API Well Number: 608174007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 4540 - 14830	Water Depth: 1747
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4540 /	DEF AT first sample examined	DEF AT
4541 /	DEF AT foram flood	DEF AT
5200 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6670 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8860 /	DEF AT Upper (Late) Miocene	DEF AT
8861 /	DEF AT Cyclammina sp. (local marker)	DEF AT
11080 /	DEF AT Cyclammina sp. (local marker)	DEF AT
12100 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
12101 /	DEF AT Arenaceous fauna (local marker)	DEF AT
13990 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
14200 /	DEF AT sample gap top	DEF AT
14769 /	DEF AT sample gap bottom	DEF AT
14770 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
14829 /	DEF AT Arenaceous fauna (local marker)	DEF AT
14830 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 310	Date of Summary: 28-JAN-1986	First Sample Examined: 4270
Lease Number: G05211	Source of Paleo: OPERATOR	Borehole MD: 14065
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14052
API Well Number: 608174022500	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 1 of 3	Sample Range: 4270 - 14050	Water Depth: 1136
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report for original hole and sidetrack

MD / TVD	Paleo Top Description	Ecozone
4270 / 4270	DEF AT first sample examined	DEF AT
4359 / 4359	DEF AT floral flood	DEF AT
4360 / 4360	POS IN Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT
4450 / 4450	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
5710 / 5710	DEF AT Lower Pleistocene (Calabrian) Gephyrocapsa caribbeanica (large)	DEF AT
6010 / 6010	DEF AT local marker floral decrease	DEF AT
6309 / 6309	DEF AT local marker floral increase	DEF AT
6310 / 6310	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
6400 / 6400	DEF AT local marker floral decrease	DEF AT
6699 / 6699	DEF AT Upper Pliocene (Gelasian) Calcidiscus macintyreii (increase)	DEF AT
6700 / 6700	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
6910 / 6910	DEF AT local marker floral decrease	DEF AT
7900 / 7900	DEF AT local marker floral increase	DEF AT
7930 / 7930	DEF AT local marker floral decrease	DEF AT
8499 / 8498	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
8500 / 8499	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudumbilica	DEF AT
8710 / 8709	DEF AT local marker floral decrease	DEF AT
8920 / 8919	DEF AT local marker floral increase	DEF AT
11020 / 11019	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies "B"	DEF AT
11110 / 11109	DEF AT local marker floral decrease	DEF AT
14050 / 14038	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 310	Date of Summary: 08-OCT-1992	First Sample Examined: 4250
Lease Number: G05211	Source of Paleo: OPERATOR	Borehole MD: 14065
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14052
API Well Number: 608174022500	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 2 of 3	Sample Range: 4250 - 13180	Water Depth: 1136
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 4250	DEF AT first sample examined	DEF AT 4
4251 / 4251	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
5170 / 5170	DEF AT - - - - -	DEF AT 5
5260 / 5260	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5290 / 5290	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5320 / 5320	DEF AT - - - - -	DEF AT 4
5650 / 5650	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
6280 / 6280	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6340 / 6340	DEF AT - - - - -	DEF AT 3
6670 / 6670	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7030 / 7030	DEF AT - - - - -	DEF AT 4
7150 / 7150	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7210 / 7210	DEF AT - - - - -	DEF AT 4
7390 / 7390	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
7420 / 7420	DEF AT - - - - -	DEF AT 3
7630 / 7630	DEF AT - - - - -	DEF AT 4
7780 / 7780	DEF AT - - - - -	DEF AT 3
7900 / 7900	DEF AT - - - - -	DEF AT 4
7930 / 7930	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7960 / 7960	DEF AT - - - - -	DEF AT 3
8470 / 8469	DEF AT - - - - -	DEF AT 4
8499 / 8498	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 310	Date of Summary: 08-OCT-1992	First Sample Examined: 4250
Lease Number: G05211	Source of Paleo: OPERATOR	Borehole MD: 14065
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14052
API Well Number: 608174022500	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 2 of 3	Sample Range: 4250 - 13180	Water Depth: 1136
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8499	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9130 / 9129	DEF AT - - - - -	DEF AT 3
9520 / 9519	DEF AT - - - - -	DEF AT 4
9580 / 9579	DEF AT - - - - -	DEF AT 3
10059 / 10058	DEF AT Eggerella sp. (local marker)	DEF AT 3
10060 / 10059	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10780 / 10779	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 3
11019 / 11018	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11020 / 11019	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12880 / 12876	DEF AT - - - - -	DEF AT 3
13060 / 13055	DEF AT Eggerella sp. (local marker)	DEF AT 3
13150 / 13145	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
13180 / 13174	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 310	Date of Summary: 08-OCT-1992	First Sample Examined: 12940
Lease Number: G05211	Source of Paleo: OPERATOR	Borehole MD: 14065
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14052
API Well Number: 608174022500	Drilling Operator: TEXACO INC	Rkb Elevation: 65
Paleo Report Num: 3 of 3	Sample Range: 11770 - 14065	Water Depth: 1136
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12940 / 12936	DEF AT first sample examined	DEF AT 3
13089 / 13084	DEF AT Eggerella sp. (local marker)	DEF AT 3
13090 / 13085	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
14020 / 14008	DEF AT local marker benthic foram increase	DEF AT 4
14065 / 14052	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 311	Date of Summary: 07-FEB-1975	First Sample Examined: 4905
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 11370
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11152
API Well Number: 608174000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4905 - 11370	Water Depth: 425
Public Info Code: Y 09-FEB-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4905 / 4905	DEF AT first sample examined	DEF AT
6615 / 6594	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11370 / 11153	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 311	Date of Summary: 12-MAY-1976	First Sample Examined: 1350
Lease Number: G02968	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11370
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11152
API Well Number: 608174000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1350 - 11370	Water Depth: 425
Public Info Code: Y 09-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 3
1390 / 1390	DEF AT pyrite	DEF IN 3
1890 / 1890	DEF AT local marker foram increase	DEF AT 4
3105 / 3105	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3375 / 3375	DEF AT glauconite	DEF AT 4
3420 / 3420	DEF AT pyrite	DEF AT 4
3465 / 3465	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4050 / 4050	DEF AT cement	DEF AT 3
5444 / 5444	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5445 / 5445	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6615 / 6594	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6750 / 6724	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7424 / 7359	DEF AT pyrite	DEF AT 4
7425 / 7360	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7695 / 7613	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8145 / 8033	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8685 / 8534	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9405 / 9206	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9495 / 9293	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10840 / 10624	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
10885 / 10669	DEF AT Eggerella sp. (local marker)	DEF AT 4
10975 / 10759	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 311	Date of Summary: 12-MAY-1976	First Sample Examined: 1350
Lease Number: G02968	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11370
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11152
API Well Number: 608174000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1350 - 11370	Water Depth: 425
Public Info Code: Y 09-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11335 / 11118	DEF AT pyrite	DEF AT 4
11370 / 11153	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 311	Date of Summary: 07-MAY-1975	First Sample Examined: 5345
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 10197
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9549
API Well Number: 608174000102	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 5345 - 10197	Water Depth: 425
Public Info Code: Y 23-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5345 / 5279	DEF AT first sample examined	DEF AT
6410 / 6191	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
10197 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 311	Date of Summary: 01-APR-1976	First Sample Examined: 5345
Lease Number: G02968	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10197
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 9549
API Well Number: 608174000102	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 5345 - 10197	Water Depth: 425
Public Info Code: Y 23-APR-1977	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5345 / 5279	DEF AT first sample examined	DEF AT 4
5346 / 5280	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5480 / 5395	DEF AT pyrite	DEF AT 4
5975 / 5818	DEF AT pyrite	DEF AT 4
6050 / 5882	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6500 / 6268	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7445 / 7081	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8325 / 7861	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
8976 / 8452	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9328 / 8771	DEF AT pyrite	DEF AT 4
9375 / 8813	DEF AT glauconite	DEF AT 4
9376 / 8814	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10090 / 9452	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10197 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 311	Date of Summary: 01-JAN-1976	First Sample Examined: 4495
Lease Number: G02968	Source of Paleo: OPERATOR	Borehole MD: 10916
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10682
API Well Number: 608174000401	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4495 - 10916	Water Depth: 425
Public Info Code: Y 17-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4495 / 4488	DEF AT first sample examined	DEF AT
5326 / 5289	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10916 / 10682	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 326	Date of Summary: 16-OCT-1979	First Sample Examined: 0
Lease Number: G03821	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9751
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9751
API Well Number: 608174008200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 1747
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3710 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
4940 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
7070 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
7520 /	DEF AT Cyclamina sp. (local marker)	DEF AT
9270 /	DEF AT Cyclamina sp. (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 356	Date of Summary: 16-DEC-1975	First Sample Examined: 6895
Lease Number: G02965	Source of Paleo: OPERATOR	Borehole MD: 12077
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11905
API Well Number: 608174001400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 6895 - 12077	Water Depth: 500
Public Info Code: Y 22-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6895 / 6887	DEF AT first sample examined	DEF AT
8695 / 8607	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
12077 / 11905	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 358	Date of Summary: 20-SEP-1984	First Sample Examined: 0
Lease Number: G05839	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11981
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10305
API Well Number: 608174021201	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 453
Public Info Code: Y 25-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5560 / 5552	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
6730 / 6571	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
9690 / 8673	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 358	Date of Summary: 15-JAN-1985	First Sample Examined: 1589
Lease Number: G05846	Source of Paleo: OPERATOR	Borehole MD: 15742
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14586
API Well Number: 608174021200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 1589 - 15742	Water Depth: 453
Public Info Code: Y 25-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark: Paleo determined by correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1589 / 1589	DEF AT first sample examined	DEF AT 1
1690 / 1690	DEF AT -----	DEF AT 3
2230 / 2230	DEF AT -----	DEF AT 4
3280 / 3280	DEF AT -----	DEF AT 3
4790 / 4790	DEF AT -----	DEF AT 4
4930 / 4930	DEF AT -----	DEF AT 3
5320 / 5320	DEF AT -----	DEF AT 5
5470 / 5468	DEF AT -----	DEF AT 4
5770 / 5757	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5950 / 5926	DEF AT -----	DEF AT 3
6640 / 6567	DEF AT -----	DEF AT 2
6940 / 6847	DEF AT -----	DEF AT 3
8320 / 8136	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
9337 / 9096	DEF AT cement	POS AT 3
9490 / 9241	DEF AT -----	DEF AT 3
9880 / 9610	DEF AT -----	DEF AT 1
11080 / 10757	DEF AT -----	DEF AT 3
11710 / 11327	DEF AT -----	DEF AT 4
13390 / 12815	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
15742 / 14586	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 365	Date of Summary: 07-DEC-1989	First Sample Examined: 5550
Lease Number: G02967	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 608174001500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 5550 - 13000	Water Depth: 585
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5550 /	DEF AT first sample examined	DEF AT 5
6240 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
6990 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7290 /	DEF AT - - - - -	DEF AT 6
7320 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7380 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 6
7500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
7620 /	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 6
12810 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 408	Date of Summary: 05-FEB-1990	First Sample Examined: 2000
Lease Number: G05849	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 608174020600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 2000 - 13220	Water Depth: 814
Public Info Code: Y 29-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT 2
2060 / 2060	POS AT - - - - -	DEF AT 2
2061 / 2061	DEF AT poor sample interval top	DEF AT 2
2062 / 2062	DEF AT cement	DEF AT 2
2210 / 2210	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
2600 / 2600	DEF AT poor sample interval bottom	DEF AT 3
3380 / 3380	DEF AT - - - - -	DEF AT 4
4190 / 4190	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4550 / 4550	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4940 / 4940	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5000 / 5000	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
5960 / 5960	DEF AT - - - - -	DEF AT 3
6500 / 6500	DEF AT - - - - -	DEF AT 4
6770 / 6770	DEF AT - - - - -	DEF AT 5
7010 / 7009	POS AT - - - - -	DEF AT 3
7011 / 7010	DEF AT poor sample interval top	DEF AT 3
7040 / 7039	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
7459 / 7458	DEF AT poor sample interval bottom	DEF AT 3
7460 / 7459	DEF AT - - - - -	DEF AT 5
7700 / 7699	POS AT - - - - -	DEF AT 3
7701 / 7700	POS AT - - - - -	DEF AT 5
8210 / 8208	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 408	Date of Summary: 05-FEB-1990	First Sample Examined: 2000
Lease Number: G05849	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 608174020600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 2000 - 13220	Water Depth: 814
Public Info Code: Y 29-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13220 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 485	Date of Summary: 08-AUG-1990	First Sample Examined: 2042
Lease Number: G05081	Source of Paleo: OPERATOR	Borehole MD: 14886
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14886
API Well Number: 608174018400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2042 - 14886	Water Depth: 953
Public Info Code: Y 15-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2042 /	DEF AT first sample examined	DEF AT 4
2550 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
4110 /	DEF AT Middle Pleistocene (Ionian) Pseudoemiliana lacunosa "B"	DEF AT 4
4830 /	DEF AT - - - - -	DEF AT 5
5010 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5550 /	DEF AT Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT 5
5700 /	DEF AT - - - - -	DEF AT 5
6200 /	DEF AT - - - - -	DEF AT 6
6270 /	DEF AT Lower Pleistocene (Calabrian) Helicosphaera sellii	DEF AT 6
6719 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 6
6720 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 6
6810 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT 6
6900 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 6
7079 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7080 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
7290 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
7980 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 6
8700 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT 6
8970 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 6
10300 /	DEF AT - - - - -	DEF IN 6
10740 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 6
12000 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 485	Date of Summary: 08-AUG-1990	First Sample Examined: 2042
Lease Number: G05081	Source of Paleo: OPERATOR	Borehole MD: 14886
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14886
API Well Number: 608174018400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2042 - 14886	Water Depth: 953
Public Info Code: Y 15-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13200 /	DEF AT Lower Pliocene (Zanclian) Ceratolithus acutus	DEF IN 6
14886 /	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 487	Date of Summary: 14-MAR-1980	First Sample Examined: 2350
Lease Number: G02960	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11300
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11300
API Well Number: 608174005500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2350 - 11300	Water Depth: 1148
Public Info Code: Y 12-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 /	DEF AT first sample examined	POS IN 3
2410 /	DEF AT local marker foram increase	DEF AT 4
2440 /	DEF AT local marker foram decrease	DEF AT 4
2500 /	DEF IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 4
3340 /	DEF AT local marker planktic foram increase	DEF AT 4
3370 /	DEF AT foram flood	DEF AT 4
3460 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3490 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
4420 /	DEF AT drilling material	DEF AT 5
4600 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
4960 /	DEF AT glauconite	DEF AT 5
4990 /	POS AT local marker foram increase	DEF AT 5
5020 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
5110 /	DEF AT local marker foram increase	DEF AT 5
5260 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5650 /	DEF AT local marker foram decrease	DEF AT 5
5680 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5769 /	DEF AT foram flood	DEF AT 5
5770 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5980 /	DEF AT local marker foram decrease	DEF AT 5
6189 /	DEF AT foram flood	DEF AT 5
6190 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 487	Date of Summary: 14-MAR-1980	First Sample Examined: 2350
Lease Number: G02960	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11300
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11300
API Well Number: 608174005500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2350 - 11300	Water Depth: 1148
Public Info Code: Y 12-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6490 /	DEF AT local marker foram decrease	DEF AT 5
6550 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
6850 /	DEF AT local marker planktic foram increase	DEF AT 5
6910 /	DEF AT cement	DEF AT 5
7239 /	DEF AT gray shale	DEF AT 5
7240 /	DEF AT gray shale	DEF AT 5
7840 /	DEF AT local marker planktic foram increase	DEF AT 5
7930 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
8020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8170 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8320 /	DEF AT oxidized shale	DEF AT 5
8470 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8500 /	DEF AT cement	DEF AT 5
8560 /	DEF AT pyrite	DEF AT 5
8810 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
8859 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
8860 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
8890 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9220 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9340 /	DEF AT local marker foram decrease	DEF AT 5
9700 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
9820 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9939 /	DEF AT foram flood	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 487	Date of Summary: 14-MAR-1980	First Sample Examined: 2350
Lease Number: G02960	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11300
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11300
API Well Number: 608174005500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 2350 - 11300	Water Depth: 1148
Public Info Code: Y 12-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9940 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
10119 /	DEF AT gray shale	DEF AT 5
10120 /	DEF AT local marker foram decrease	DEF AT 5
10480 /	DEF AT local marker foram increase	DEF AT 5
10510 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10660 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
10750 /	DEF AT local marker foram decrease	DEF AT 5
11300 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 530	Date of Summary: 02-FEB-1979	First Sample Examined: 3970
Lease Number: G02958	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7809
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 7809
API Well Number: 608174005700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 3970 - 7809	Water Depth: 935
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3970 /	DEF AT first sample examined	DEF IN 4
4300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
6140 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6260 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6380 /	DEF AT local marker planktic foram increase	DEF AT 5
7809 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 663	Date of Summary: 17-OCT-1983	First Sample Examined: 2440
Lease Number: G05212	Source of Paleo: OPERATOR	Borehole MD: 10469
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10450
API Well Number: 608174019800	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 2440 - 10480	Water Depth: 1283
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2440 / 2438	DEF AT first sample examined	POS AT 5
3070 / 3068	DEF AT - - - - -	DEF AT 5
3100 / 3098	DEF AT local marker deep water fauna	DEF AT 5
4240 / 4235	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
4540 / 4534	DEF AT - - - - -	DEF AT 4
5349 / 5341	DEF AT local marker deep water fauna	DEF AT 5
5350 / 5342	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5440 / 5432	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7480 / 7468	DEF AT - - - - -	DEF AT 6
7629 / 7616	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
7630 / 7617	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
7930 / 7917	DEF AT - - - - -	DEF AT 5
9638 / 9621	DEF AT Eggerella sp. (local marker)	DEF AT 5
9639 / 9622	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9640 / 9623	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
10480 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 663	Date of Summary: 17-SEP-1984	First Sample Examined: 2440
Lease Number: G05212	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10469
Well Name: 001	Paleo Done By: MARK BLOEMKER	Borehole TVD: 10450
API Well Number: 608174019800	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2440 - 6250	Water Depth: 1283
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2440 / 2438	DEF AT first sample examined	DEF AT 4
2441 / 2439	POS IN local marker foram increase	DEF AT 4
2890 / 2888	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
3100 / 3098	DEF AT pyrite	DEF AT 4
3101 / 3099	DEF AT local marker foram increase	DEF AT 4
3160 / 3158	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3280 / 3277	DEF AT pyrite	DEF AT 4
3520 / 3517	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
3640 / 3637	DEF IN faunal change (no faunal increase)	DEF IN 4
3700 / 3697	DEF AT faunal change (no faunal increase)	DEF AT 5
3910 / 3906	DEF AT pyrite	DEF AT 5
4210 / 4205	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4239 / 4234	DEF AT local marker planktic foram increase	DEF AT 5
4240 / 4235	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4390 / 4385	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
4510 / 4504	DEF AT local marker foram decrease	DEF AT 4
4690 / 4684	DEF AT pyrite	DEF AT 4
4880 / 4873	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4910 / 4903	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5320 / 5313	DEF AT local marker planktic foram increase	DEF AT 5
5350 / 5342	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 5
5410 / 5402	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 663	Date of Summary: 17-SEP-1984	First Sample Examined: 2440
Lease Number: G05212	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10469
Well Name: 001	Paleo Done By: MARK BLOEMKER	Borehole TVD: 10450
API Well Number: 608174019800	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 2440 - 6250	Water Depth: 1283
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5470 / 5462	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5530 / 5522	DEF AT pyrite	DEF AT 5
5560 / 5552	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
6220 / 6210	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MC 751	Date of Summary: 18-FEB-1986	First Sample Examined: 2100
Lease Number: G05214	Source of Paleo: OPERATOR	Borehole MD: 7895
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7894
API Well Number: 608174026700	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2100 - 7880	Water Depth: 1472
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2100 / 2100	DEF AT first sample examined	DEF AT
2101 / 2101	DEF AT cement	DEF AT
2820 / 2820	DEF AT faunal change (no faunal increase)	DEF AT 3
4260 / 4260	DEF AT faunal change (no faunal increase)	DEF AT 1
5870 / 5870	DEF AT faunal change (no faunal increase)	DEF AT 3
5930 / 5930	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
6320 / 6320	DEF AT faunal change (no faunal increase)	DEF AT 2
6740 / 6739	DEF AT faunal change (no faunal increase)	DEF AT 3
7520 / 7519	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7880 / 7879	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 527	Date of Summary: 24-MAR-1980	First Sample Examined: 6330
Lease Number: G03932	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14572
Well Name: A007	Paleo Done By: LEE LATTA	Borehole TVD: 13937
API Well Number: 427034003200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 6330 - 8880	Water Depth: 66
Public Info Code: Y 24-SEP-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
6330 / 6329	DEF AT first sample examined	DEF AT
6331 / 6330	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6660 / 6659	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6750 / 6749	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
6810 / 6809	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT
7290 / 7287	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7800 / 7783	POS IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT
8310 / 8260	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
8670 / 8591	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
8880 / 8788	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 527	Date of Summary: 31-MAR-1981	First Sample Examined: 990
Lease Number: G03932	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14572
Well Name: A007	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13937
API Well Number: 427034003200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 990 - 14550	Water Depth: 66
Public Info Code: Y 24-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
990 / 990	DEF AT first sample examined	DEF IN 2
991 / 991	DEF AT local marker benthic foram increase	DEF IN 2
1440 / 1440	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1530 / 1530	DEF AT local marker foram decrease	DEF AT 2
2100 / 2100	DEF AT local marker benthic foram increase	DEF AT 2
4020 / 4019	DEF AT pyrite	DEF AT 2
4050 / 4049	DEF AT local marker benthic foram increase	DEF AT 2
4110 / 4109	DEF AT local marker foram decrease	DEF AT 2
4620 / 4619	DEF AT local marker benthic foram increase	DEF AT 3
4950 / 4949	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 3
5070 / 5069	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5280 / 5279	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
5370 / 5369	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5580 / 5579	POS AT local marker foram decrease	DEF AT 3
5610 / 5609	DEF AT faunal change (no faunal increase)	DEF AT 2
5820 / 5819	DEF AT local marker benthic foram increase	DEF AT 2
5910 / 5909	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
5970 / 5969	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6630 / 6629	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7020 / 7019	DEF AT local marker benthic foram increase	DEF AT 3
7080 / 7078	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7290 / 7287	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 527	Date of Summary: 31-MAR-1981	First Sample Examined: 990
Lease Number: G03932	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14572
Well Name: A007	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13937
API Well Number: 427034003200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 990 - 14550	Water Depth: 66
Public Info Code: Y 24-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 7610	POS AT Lower Miocene (Burdigalian) Cristellaria "A"	DEF AT 3
7860 / 7841	DEF AT faunal change (no faunal increase)	DEF IN 3
8520 / 8452	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8640 / 8563	DEF AT local marker benthic foram increase	DEF AT 3
8670 / 8591	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8970 / 8873	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9090 / 8987	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
9330 / 9214	DEF AT local marker benthic foram increase	DEF AT 3
10200 / 10015	DEF AT local marker benthic foram increase	DEF AT 3
10860 / 10604	DEF AT local marker foram decrease	DEF AT 3
11160 / 10864	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11400 / 11072	DEF AT local marker foram decrease	DEF AT 3
11880 / 11485	DEF AT local marker benthic foram increase	DEF AT 3
12000 / 11588	DEF AT local marker foram increase	DEF AT 3
12120 / 11690	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF IN 3
12210 / 11767	DEF AT sample gap top	POS IN 3
12360 / 11896	DEF AT sample gap bottom	DEF IN 3
12390 / 11922	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF IN 3
12450 / 11974	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 3
12480 / 11999	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
13110 / 12560	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13140 / 12587	DEF AT local marker benthic foram increase	DEF AT 4
13590 / 12994	DEF AT Cyclammina sp. (local marker)	DEF AT 4
13800 / 13191	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 527	Date of Summary: 31-MAR-1981	First Sample Examined: 990
Lease Number: G03932	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14572
Well Name: A007	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13937
API Well Number: 427034003200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 990 - 14550	Water Depth: 66
Public Info Code: Y 24-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14220 / 13597	DEF AT faunal change (no faunal increase)	DEF AT 3
14550 / 13918	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 569	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04994	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13166
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12011
API Well Number: 427034016100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5940 / 5939	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6000 / 5999	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7230 / 7229	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7470 / 7469	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8490 / 8478	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
13166 / 12011	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 587	Date of Summary: 02-FEB-1983	First Sample Examined: 290
Lease Number: G04995	Source of Paleo: OPERATOR	Borehole MD: 16140
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14064
API Well Number: 427034014100	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 290 - 16120	Water Depth: 85
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
290 / 290	DEF AT first sample examined	POS IN 2
1520 / 1519	DEF AT Lower Pliocene (Zanclian) Buliminella 1	POS AT 2
5530 / 5082	DEF AT - - - - -	DEF AT 3
6610 / 6046	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7960 / 7175	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10120 / 8846	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10121 / 8847	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10270 / 8956	DEF AT - - - - -	DEF AT 4
11710 / 10039	DEF AT - - - - -	DEF AT 6
13030 / 11204	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 6
14830 / 12822	DEF AT - - - - -	DEF AT 4
16120 / 14044	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 589	Date of Summary: 14-DEC-1984	First Sample Examined: 4500
Lease Number: G04998	Source of Paleo: OPERATOR	Borehole MD: 14754
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14722
API Well Number: 427034022700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4500 - 14754	Water Depth: 79
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 / 4500	DEF AT first sample examined	DEF AT
4501 / 4501	DEF AT cement	DEF AT
4620 / 4620	DEF AT sample gap top	DEF AT
4680 / 4680	DEF AT sample gap bottom	DEF AT
4890 / 4890	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
5130 / 5130	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5310 / 5310	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6030 / 6030	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6660 / 6660	DEF IN Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT
6780 / 6780	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7140 / 7140	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7650 / 7650	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
8610 / 8609	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT
9750 / 9748	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT
10320 / 10316	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT
10559 / 10554	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
10560 / 10555	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
12149 / 12143	DEF AT Bathysiphon fauna	DEF AT
12150 / 12144	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
14754 / 14722	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 591	Date of Summary: 19-MAY-1980	First Sample Examined: 0
Lease Number: G03081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12178
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12178
API Well Number: 427034002700	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 08-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5130 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6330 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6930 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7260 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8730 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10140 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 600	Date of Summary: 02-OCT-1978	First Sample Examined: 3500
Lease Number: G03305	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 11000
API Well Number: 427034000900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3500 - 11000	Water Depth: 72
Public Info Code: Y 15-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 1
3920 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4250 /	DEF AT sample gap top	POS AT 1
4339 /	DEF AT sample gap bottom	DEF AT 1
4340 /	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
4370 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 1
4520 /	DEF AT local marker benthic foram increase	DEF AT 1
4550 /	DEF AT faunal change (no faunal increase)	POS AT 1
4580 /	DEF AT local marker benthic foram increase	POS AT 1
4730 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4820 /	DEF AT faunal change (no faunal increase)	POS AT 1
4850 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5720 /	DEF AT faunal change (no faunal increase)	POS AT 1
5900 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6100 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
6560 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7340 /	DEF AT faunal change (no faunal increase)	POS AT 1
7400 /	DEF AT faunal change (no faunal increase)	POS AT 2
7430 /	DEF AT sample gap top	POS AT 2
7550 /	DEF AT sample gap bottom	DEF AT 1
7790 /	DEF AT faunal change (no faunal increase)	POS AT 1
7880 /	DEF AT faunal change (no faunal increase)	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 600	Date of Summary: 02-OCT-1978	First Sample Examined: 3500
Lease Number: G03305	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: ECO-PAL	Borehole TVD: 11000
API Well Number: 427034000900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3500 - 11000	Water Depth: 72
Public Info Code: Y 15-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7940 /	DEF AT faunal change (no faunal increase)	POS AT 1
8120 /	DEF AT faunal change (no faunal increase)	DEF AT
8210 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8330 /	DEF AT faunal change (no faunal increase)	POS AT 2
8420 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8480 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8720 /	DEF AT faunal change (no faunal increase)	POS AT 1
9050 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9410 /	DEF AT faunal change (no faunal increase)	POS AT 1
9470 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9530 /	DEF AT faunal change (no faunal increase)	POS AT 1
9560 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
9620 /	DEF AT faunal change (no faunal increase)	POS AT 2
9860 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10010 /	DEF AT faunal change (no faunal increase)	POS AT 3
10220 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10340 /	DEF AT faunal change (no faunal increase)	POS AT 2
10370 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10460 /	DEF AT faunal change (no faunal increase)	POS AT 1
10520 /	DEF AT faunal change (no faunal increase)	DEF AT 1
10969 /	POS AT unconformity	DEF AT 3
10970 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	POS AT 3
11000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 600	Date of Summary: 13-APR-1981	First Sample Examined: 5660
Lease Number: G03305	Source of Paleo: OPERATOR	Borehole MD: 11050
Well Name: 002	Paleo Done By: BILL BOULDEN	Borehole TVD: 11001
API Well Number: 427034008700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5660 - 11050	Water Depth: 75
Public Info Code: Y 15-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 / 5617	DEF AT first sample examined	DEF AT 1
5780 / 5736	POS AT unconformity	DEF AT 1
6020 / 5976	DEF AT faunal change (no faunal increase)	POS AT 1
6150 / 6106	DEF AT faunal change (no faunal increase)	DEF AT 1
6180 / 6136	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
6540 / 6496	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
7690 / 7646	DEF AT faunal change (no faunal increase)	DEF AT 2
7780 / 7736	DEF AT faunal change (no faunal increase)	DEF AT 1
7840 / 7796	DEF AT faunal change (no faunal increase)	POS AT 1
7870 / 7826	DEF AT faunal change (no faunal increase)	DEF AT 1
7960 / 7916	DEF AT faunal change (no faunal increase)	POS AT 1
8170 / 8126	DEF AT cement	POS AT 1
8260 / 8215	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 1
8740 / 8695	DEF AT reworked material	DEF AT 1
8830 / 8785	DEF AT reworked material	POS AT 1
8950 / 8905	DEF AT faunal change (no faunal increase)	DEF AT 1
9310 / 9265	DEF AT faunal change (no faunal increase)	DEF AT 2
9400 / 9355	DEF AT faunal change (no faunal increase)	DEF AT 1
10030 / 9984	DEF AT faunal change (no faunal increase)	POS AT 1
10120 / 10074	DEF AT faunal change (no faunal increase)	DEF AT 1
10210 / 10164	DEF AT local marker (general)	POS AT 1
10270 / 10224	DEF AT faunal change (no faunal increase)	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 600	Date of Summary: 13-APR-1981	First Sample Examined: 5660
Lease Number: G03305	Source of Paleo: OPERATOR	Borehole MD: 11050
Well Name: 002	Paleo Done By: BILL BOULDEN	Borehole TVD: 11001
API Well Number: 427034008700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5660 - 11050	Water Depth: 75
Public Info Code: Y 15-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10570 / 10523	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
11050 / 11001	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 601	Date of Summary: 06-AUG-1979	First Sample Examined: 0
Lease Number: G03084	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9122
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9121
API Well Number: 427034002600	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 88
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 / 6190	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7150 / 7150	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7810 / 7810	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 603	Date of Summary: 12-OCT-1983	First Sample Examined: 3970
Lease Number: G04999	Source of Paleo: OPERATOR	Borehole MD: 16378
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16301
API Well Number: 427034018700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 3970 - 16370	Water Depth: 80
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
3970 / 3970	DEF AT first sample examined	DEF AT 1
3976 / 3976	DEF AT faunal change (no faunal increase)	DEF AT 1
4570 / 4570	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4660 / 4660	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 1
5030 / 5030	DEF AT Middle Miocene (Serravallian) Cyclicargolithus floridanus (increase)	DEF AT 1
5810 / 5810	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
6560 / 6560	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
6830 / 6830	DEF AT Lower Miocene (Burdigalian) Sphenolithus belemnus	DEF AT 2
6920 / 6920	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7640 / 7640	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9380 / 9379	DEF AT faunal change (no faunal increase)	DEF AT 3
10610 / 10607	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10700 / 10697	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
15890 / 15835	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
15950 / 15892	DEF AT faunal change (no faunal increase)	DEF AT 4
16250 / 16179	DEF AT faunal change (no faunal increase)	DEF AT 5
16370 / 16294	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 603	Date of Summary: 26-OCT-1988	First Sample Examined: 3970
Lease Number: G04999	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16378
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16301
API Well Number: 427034018700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 3970 - 16370	Water Depth: 80
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3970	DEF AT first sample examined	DEF AT 1
3971 / 3971	DEF AT shell fragments	DEF AT 1
4040 / 4040	DEF AT pyrite	DEF AT 1
4070 / 4070	DEF AT sample gap top	POS AT 1
4130 / 4130	DEF AT sample gap bottom	POS AT 1
4310 / 4310	DEF AT local marker benthic foram increase	DEF AT 1
4520 / 4520	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
4600 / 4600	DEF AT local marker foram decrease	DEF AT 2
4750 / 4750	DEF AT local marker benthic foram increase	DEF IN 2
4810 / 4810	DEF AT local marker foram decrease	DEF AT 2
4870 / 4870	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
4960 / 4960	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5120 / 5120	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5210 / 5210	DEF AT local marker foram decrease	DEF IN 2
5240 / 5240	DEF AT local marker foram increase	DEF IN 2
5450 / 5450	DEF AT pyrite	DEF IN 2
5720 / 5720	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
5870 / 5870	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 2
5990 / 5990	DEF AT drilling material	DEF IN 2
6410 / 6410	DEF AT local marker foram decrease	DEF IN 2
6560 / 6560	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
6620 / 6620	DEF AT local marker deep water fauna	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 603	Date of Summary: 26-OCT-1988	First Sample Examined: 3970
Lease Number: G04999	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16378
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16301
API Well Number: 427034018700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 3970 - 16370	Water Depth: 80
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
6770 / 6770	DEF AT local marker foram decrease	DEF AT 3
6860 / 6860	DEF AT local marker deep water fauna	DEF AT 4
6920 / 6920	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
6950 / 6950	DEF AT local marker foram decrease	DEF IN 3
6980 / 6980	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
7400 / 7400	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7430 / 7430	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
7699 / 7699	DEF AT shell fragments	DEF IN 2
7700 / 7700	DEF AT local marker foram decrease	DEF IN 2
7790 / 7790	POS AT local marker foram increase	DEF IN 2
8030 / 8030	DEF AT Arenaceous fauna (local marker)	DEF IN 2
8330 / 8330	DEF AT local marker foram decrease	DEF IN 2
9170 / 9169	DEF AT poor sample interval top	POS IN 2
9200 / 9199	DEF AT poor sample interval bottom	POS IN 2
9410 / 9409	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
9800 / 9799	DEF AT local marker foram decrease	DEF AT 3
9830 / 9829	DEF AT local marker foram increase	DEF IN 3
9860 / 9859	DEF AT drilling material	POS IN 3
10159 / 10158	DEF AT gray shale	DEF AT 4
10160 / 10159	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
10280 / 10278	DEF AT foram flood	DEF AT 4
10370 / 10368	DEF AT local marker planktic foram increase	DEF AT 4
10700 / 10697	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10940 / 10936	POS AT local marker foram decrease	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 603	Date of Summary: 26-OCT-1988	First Sample Examined: 3970
Lease Number: G04999	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16378
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 16301
API Well Number: 427034018700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 3970 - 16370	Water Depth: 80
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11630 / 11622	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
12230 / 12218	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 4
12620 / 12607	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
12980 / 12967	DEF AT local marker foram decrease	DEF AT 4
13190 / 13177	DEF AT local marker foram increase	DEF AT 4
13280 / 13267	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF IN 4
13760 / 13747	DEF AT shell fragments	DEF AT 4
13970 / 13956	DEF AT local marker foram decrease	DEF IN 3
14810 / 14791	DEF AT cement	POS IN 3
14990 / 14969	POS AT drilling material	POS AT 2
15590 / 15550	DEF AT local marker benthic foram increase	DEF AT 3
15860 / 15807	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
15920 / 15864	DEF AT faunal change (no faunal increase)	DEF IN 4
15950 / 15892	DEF AT local marker benthic foram increase	DEF IN 4
16130 / 16064	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 5
16339 / 16264	DEF IN local marker planktic foram increase	DEF AT 5
16340 / 16265	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 619	Date of Summary: 20-FEB-1976	First Sample Examined: 5835
Lease Number: G03086	Source of Paleo: OPERATOR	Borehole MD: 8943
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8943
API Well Number: 427034000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5835 - 8925	Water Depth: 94
Public Info Code: Y 07-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5835 / 5835	DEF AT first sample examined	DEF AT
5895 / 5895	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6764 / 6764	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8925 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 620	Date of Summary: 31-AUG-1977	First Sample Examined: 6110
Lease Number: G03086	Source of Paleo: OPERATOR	Borehole MD: 11950
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 9068
API Well Number: 427034001000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 6110 - 11798	Water Depth: 92
Public Info Code: Y 07-SEP-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6110 / 4928	DEF AT first sample examined	DEF AT
8930 / 6923	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11798 / 8964	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 620	Date of Summary: 20-APR-1980	First Sample Examined: 6110
Lease Number: G03086	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11950
Well Name: JA001	Paleo Done By: LEE LATTA	Borehole TVD: 9068
API Well Number: 427034001000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 6110 - 11800	Water Depth: 92
Public Info Code: Y 07-SEP-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6110 / 4928	DEF AT first sample examined	DEF AT 2
6111 / 4929	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6330 / 5067	DEF AT pyrite	DEF AT 2
7010 / 5507	DEF AT poor sample interval top	POS AT 2
7160 / 5615	DEF AT poor sample interval bottom	DEF AT 2
7370 / 5769	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7610 / 5941	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7820 / 6097	DEF AT pyrite	DEF AT 2
8060 / 6272	DEF AT pyrite	DEF AT 2
8450 / 6558	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8900 / 6900	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9020 / 6992	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
10550 / 8083	DEF AT Arenaceous fauna (local marker)	DEF AT 2
11660 / 8867	POS IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
11750 / 8930	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
11800 / 8965	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 620	Date of Summary: 30-JAN-1976	First Sample Examined: 700
Lease Number: G03087	Source of Paleo: OPERATOR	Borehole MD: 12024
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10170
API Well Number: 427034000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 2	Sample Range: 700 - 12020	Water Depth: 93
Public Info Code: Y 07-NOV-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
700 / 700	DEF AT first sample examined	DEF AT
6450 / 5926	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7800 / 7013	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11346 / 9758	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12020 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 620	Date of Summary: 27-JUL-1976	First Sample Examined: 700
Lease Number: G03087	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12024
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10170
API Well Number: 427034000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 700 - 12024	Water Depth: 93
Public Info Code: Y 07-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
700 / 700	DEF AT first sample examined	DEF AT 2
701 / 701	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
760 / 760	DEF AT local marker foram decrease	DEF IN 1
1330 / 1330	DEF AT local marker benthic foram increase	DEF AT 2
1449 / 1449	DEF AT pyrite	DEF AT 2
1450 / 1450	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1540 / 1540	DEF AT local marker benthic foram increase	DEF AT 2
1740 / 1740	DEF AT local marker benthic foram increase	DEF AT 2
2650 / 2650	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5070 / 4837	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5280 / 5004	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 2
5340 / 5052	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
5520 / 5194	DEF AT local marker foram increase	DEF AT 2
5760 / 5382	DEF AT local marker benthic foram increase	DEF IN 2
5970 / 5546	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
6270 / 5783	DEF IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
6330 / 5831	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
6450 / 5926	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7470 / 6744	DEF AT local marker planktic foram increase	DEF AT 3
7800 / 7013	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8430 / 7517	DEF AT local marker planktic foram increase	DEF AT 3
10030 / 8773	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 620	Date of Summary: 27-JUL-1976	First Sample Examined: 700
Lease Number: G03087	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12024
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10170
API Well Number: 427034000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 2 of 2	Sample Range: 700 - 12024	Water Depth: 93
Public Info Code: Y 07-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10392 / 9050	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12024 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 13-DEC-1976	First Sample Examined: 0
Lease Number: G03092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4402
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4402
API Well Number: 427034000600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1678 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
2475 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4402 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 18-FEB-1977	First Sample Examined: 0
Lease Number: G03092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7904
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7904
API Well Number: 427034000700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5560 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7130 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 09-SEP-1977	First Sample Examined: 0
Lease Number: G03092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8237
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8237
API Well Number: 427034000800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5530 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7030 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 10-NOV-1978	First Sample Examined: 0
Lease Number: G03092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10234
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10234
API Well Number: 427034002300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5350 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6670 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 11-JUL-1980	First Sample Examined: 2400
Lease Number: G03092	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8500
API Well Number: 427034003000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 2400 - 8480	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2400 /	DEF AT first sample examined	DEF AT 2
3650 /	DEF AT - - - -	DEF AT 3
3970 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
3971 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5190 /	DEF AT sample gap top	POS AT 3
7159 /	DEF AT sample gap bottom	DEF AT 3
7160 /	DEF AT poor sample interval top	DEF AT 3
7161 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8479 /	DEF AT poor sample interval bottom	DEF AT 3
8480 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 15-APR-1980	First Sample Examined: 0
Lease Number: G03092	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8200
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 8200
API Well Number: 427034003700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4390 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5500 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6640 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 08-DEC-1980	First Sample Examined: 2400
Lease Number: G03092	Source of Paleo: OPERATOR	Borehole MD: 11603
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11591
API Well Number: 427034006900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 2400 - 9320	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2400 / 2400	DEF AT first sample examined	DEF AT 2
4143 / 4139	POS IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
4144 / 4140	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
4802 / 4798	DEF AT - - - - -	DEF AT 2
6015 / 6010	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
6263 / 6258	DEF AT poor sample interval top	DEF AT 4
6542 / 6537	DEF AT poor sample interval bottom	DEF AT 4
6543 / 6538	DEF AT - - - - -	DEF AT 3
6893 / 6888	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8053 / 8048	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8522 / 8516	POS AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
8940 / 8934	DEF AT - - - - -	DEF AT 2
9320 / 9313	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 08-DEC-1980	First Sample Examined: 8752
Lease Number: G03092	Source of Paleo: OPERATOR	Borehole MD: 11603
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11591
API Well Number: 427034006900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 8752 - 11600	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8752 / 8746	DEF AT first sample examined	DEF AT 3
10560 / 10550	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
10561 / 10551	DEF AT poor sample interval top	DEF AT 3
11380 / 11369	DEF AT poor sample interval bottom	DEF AT 3
11381 / 11370	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
11600 / 11588	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 633	Date of Summary: 08-JUL-1981	First Sample Examined: 6010
Lease Number: G03092	Source of Paleo: OPERATOR	Borehole MD: 8050
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8050
API Well Number: 427034009900	Drilling Operator: TOMLINSON OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 6010 - 8050	Water Depth: 72
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6010 /	DEF AT first sample examined	DEF AT 3
6011 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7900 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8050 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 634	Date of Summary: 05-MAY-1980	First Sample Examined: 1200
Lease Number: G03730	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13011
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13011
API Well Number: 427034002900	Drilling Operator: OXY USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1200 - 13007	Water Depth: 78
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	POS AT 2
1230 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1350 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1740 /	DEF AT local marker planktic foram increase	DEF AT 2
1800 /	DEF AT pyrite	DEF AT 2
4140 /	DEF AT pyrite	DEF AT 2
4500 /	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4530 /	DEF AT pyrite	DEF AT 2
4800 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4920 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5820 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6000 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7620 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8250 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 3
9300 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9330 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
11910 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
12180 /	DEF IN Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
12390 /	POS AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 5
12630 /	DEF IN Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 5
13007 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 634	Date of Summary: 13-JAN-1982	First Sample Examined: 0
Lease Number: G03730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14760
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14038
API Well Number: 427034010000	Drilling Operator: OXY USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1320 / 1319	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4410 / 4409	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4710 / 4708	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
4950 / 4948	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6180 / 6178	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6510 / 6508	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7980 / 7914	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9960 / 9773	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11010 / 10744	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
14490 / 13792	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 634	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G03730	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10515
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10513
API Well Number: 427034015700	Drilling Operator: OXY USA INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4520 / 4520	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
4640 / 4640	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5870 / 5870	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6230 / 6230	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7700 / 7700	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8513 / 8513	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9530 / 9530	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 669	Date of Summary: 08-MAR-1983	First Sample Examined: 4410
Lease Number: G04065	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14920
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14507
API Well Number: 427034007700	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4410 - 13045	Water Depth: 96
Public Info Code: Y 07-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4410 / 4410	DEF AT first sample examined	POS AT 2
4530 / 4530	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4560 / 4560	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 2
4800 / 4800	DEF AT local marker foram decrease	DEF AT 2
4860 / 4860	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 2
4890 / 4890	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 2
4950 / 4950	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5070 / 5070	DEF IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5280 / 5280	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5340 / 5340	DEF AT local marker planktic foram increase	DEF IN 3
5670 / 5669	DEF AT local marker foram decrease	DEF AT 3
5850 / 5848	DEF AT faunal change (no faunal increase)	DEF AT 3
6180 / 6176	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6570 / 6563	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
6630 / 6623	POS AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF IN 3
6840 / 6831	DEF AT foram flood	DEF IN 3
6930 / 6920	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7110 / 7095	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7380 / 7352	DEF AT local marker planktic foram increase	DEF IN 3
7500 / 7465	POS IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF IN 3
7530 / 7493	DEF AT local marker foram decrease	DEF AT 3
7740 / 7693	DEF AT local marker benthic foram increase	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 669	Date of Summary: 08-MAR-1983	First Sample Examined: 4410
Lease Number: G04065	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14920
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 14507
API Well Number: 427034007700	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 4410 - 13045	Water Depth: 96
Public Info Code: Y 07-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8760 / 8655	DEF AT local marker foram decrease	DEF AT 3
8910 / 8798	DEF AT local marker benthic foram increase	DEF AT 3
9780 / 9623	DEF AT Arenaceous fauna (local marker)	DEF IN 3
9875 / 9713	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
10080 / 9909	POS IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10140 / 9966	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
10320 / 10136	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
10950 / 10721	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
11130 / 10887	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
11480 / 11209	DEF AT local marker foram decrease	DEF AT 4
12440 / 12111	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
13040 / 12692	DEF AT local marker benthic foram increase	DEF AT 4
13045 / 12697	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 673	Date of Summary: 06-NOV-1979	First Sample Examined: 0
Lease Number: G03933	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8660
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8660
API Well Number: 427034003800	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4810 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6540 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6970 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 674	Date of Summary: 30-JAN-1980	First Sample Examined: 0
Lease Number: G03102	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10900
API Well Number: 427034003500	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 162
Public Info Code: Y 28-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
1690 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4700 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5860 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
7300 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 680	Date of Summary: 03-JUN-1981	First Sample Examined: 0
Lease Number: G04180	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9502
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9502
API Well Number: 427034009500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 20-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3700 /	DEF AT - - - - -	DEF AT 2
4210 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4600 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
6160 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6370 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6400 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9120 /	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 684	Date of Summary: 01-APR-1986	First Sample Examined: 0
Lease Number: G07207	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17295
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17295
API Well Number: 427034027200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5160 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 686	Date of Summary: 01-MAR-1978	First Sample Examined: 435
Lease Number: G03465	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11052
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11049
API Well Number: 427034001300	Drilling Operator: CANADIANOXY OFFSHORE PRODUCTIO	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 435 - 11050	Water Depth: 87
Public Info Code: Y 05-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
435 / 435	DEF AT first sample examined	POS AT 2
1155 / 1155	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1875 / 1875	DEF AT local marker benthic foram increase	DEF AT 2
2505 / 2505	DEF AT pyrite	DEF AT 2
4630 / 4630	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4870 / 4869	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4960 / 4959	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5860 / 5859	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6310 / 6309	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
7750 / 7749	DEF IN Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8020 / 8019	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
8470 / 8469	DEF AT pyrite	DEF AT 4
9640 / 9639	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10480 / 10478	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
11050 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 687	Date of Summary: 09-APR-1980	First Sample Examined: 1183
Lease Number: G03106	Source of Paleo: OPERATOR	Borehole MD: 6600
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6600
API Well Number: 427034005700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1183 - 6600	Water Depth: 84
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1183 /	DEF AT first sample examined	DEF AT 2
4149 /	DEF AT - - - - -	DEF AT 3
4461 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
6020 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6350 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
6600 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 689	Date of Summary: 15-APR-1988	First Sample Examined: 1170
Lease Number: G06053	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 427034026400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1170 - 9900	Water Depth: 75
Public Info Code: Y 29-DEC-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1170 /	DEF AT first sample examined	DEF AT
3660 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6870 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
7080 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
7620 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
8490 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT
9900 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 696	Date of Summary: 09-JUN-1988	First Sample Examined: 1100
Lease Number: G04704	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8360
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 8360
API Well Number: 427034013700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 1100 - 8360	Water Depth: 79
Public Info Code: Y 04-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	POS AT 1
1101 /	DEF AT cement	POS AT 1
1220 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1340 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1580 /	DEF AT local marker benthic foram increase	DEF IN 1
1880 /	DEF AT charophytes	DEF AT 1
2420 /	DEF AT pyrite	DEF AT 1
3680 /	POS IN Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 1
3739 /	DEF AT shell fragments	DEF AT 2
3740 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3900 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4020 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4170 /	DEF AT local marker foram decrease	DEF IN 1
4410 /	DEF AT local marker benthic foram increase	DEF AT 1
4620 /	DEF AT local marker foram decrease	DEF AT 1
4808 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF IN 2
5430 /	POS AT local marker foram increase	DEF IN 1
5550 /	DEF AT pyrite	DEF AT 1
5730 /	DEF AT shell fragments	DEF AT 1
5760 /	DEF AT pyrite	DEF AT 1
6450 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 1
6660 /	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 696	Date of Summary: 09-JUN-1988	First Sample Examined: 1100
Lease Number: G04704	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8360
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 8360
API Well Number: 427034013700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 1100 - 8360	Water Depth: 79
Public Info Code: Y 04-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
6900 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
7109 /	DEF AT pyrite	DEF AT 2
7110 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 2
7380 /	DEF AT local marker foram increase	DEF AT 2
7890 /	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
8010 /	DEF AT local marker benthic foram increase	DEF AT 3
8040 /	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
8055 /	DEF AT local marker foram decrease	DEF AT 3
8100 /	DEF IN Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
8260 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
8340 /	POS AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 2
8360 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 698	Date of Summary: 19-MAR-1978	First Sample Examined: 0
Lease Number: G03111	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8695
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7422
API Well Number: 427034001900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 89
Public Info Code: Y 27-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1220 / 1220	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5060 / 4530	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6710 / 5848	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7130 / 6185	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 700	Date of Summary: 13-JAN-1976	First Sample Examined: 495
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 9566
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9414
API Well Number: 427034000300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 495 - 9353	Water Depth: 96
Public Info Code: Y 12-JAN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
495 / 495	DEF AT first sample examined	DEF AT
1125 / 1125	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
1345 / 1345	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4365 / 4365	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
5797 / 5790	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9353 / 9210	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 700	Date of Summary: 13-JAN-1976	First Sample Examined: 5050
Lease Number: G03108	Source of Paleo: OPERATOR	Borehole MD: 9566
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9414
API Well Number: 427034000300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 5050 - 9400	Water Depth: 96
Public Info Code: Y 12-JAN-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5145 / 5145	DEF AT first sample examined	DEF AT
5146 / 5146	DEF IN Middle Miocene	DEF AT
5958 / 5947	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9647 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 705	Date of Summary: 28-JUN-1988	First Sample Examined: 1200
Lease Number: G04707	Source of Paleo: OPERATOR	Borehole MD: 8502
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8502
API Well Number: 427034019600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1200 - 8490	Water Depth: 142
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF AT 1
1259 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
1260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
1500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1560 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1950 /	DEF AT - - - - -	DEF AT 1
3450 /	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 1
4380 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
5010 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
6000 /	DEF AT - - - - -	DEF AT 3
6240 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6300 /	DEF AT - - - - -	DEF AT 2
7140 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8250 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8490 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 709	Date of Summary: 14-JUL-1980	First Sample Examined: 340
Lease Number: G04181	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 427034006200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 340 - 14980	Water Depth: 157
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
340 /	DEF AT first sample examined	DEF AT 1
700 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
820 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1120 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1240 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1480 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1600 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1780 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2020 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2320 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2680 /	DEF AT limestone	DEF AT 1
3520 /	DEF AT pyrite	DEF AT 1
3880 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4540 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4690 /	DEF AT reworked material	DEF AT 2
4750 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4870 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5110 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
5470 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
6040 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6550 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6760 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 709	Date of Summary: 14-JUL-1980	First Sample Examined: 340
Lease Number: G04181	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 427034006200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 340 - 14980	Water Depth: 157
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8410 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9760 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
10030 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10180 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10270 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10450 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10960 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
11140 /	DEF AT local marker foram increase	DEF AT 3
11590 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12040 /	POS AT unconformity	DEF AT 4
12520 /	POS AT unconformity	DEF AT 4
12820 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12940 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13180 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13390 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
13480 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
13510 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14350 /	DEF AT faunal change (no faunal increase)	DEF AT 4
14980 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 709	Date of Summary: 19-MAY-1982	First Sample Examined: 4030
Lease Number: G04181	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 427034011900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 3	Sample Range: 4030 - 13030	Water Depth: 164
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4030 /	DEF AT first sample examined	DEF AT 1
4450 /	DEF AT reworked material	DEF AT 1
4600 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5110 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5920 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6520 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6580 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8170 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
8260 /	DEF AT - - - - -	DEF AT 2
9700 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
10450 /	DEF AT - - - - -	DEF AT 3
10600 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
11890 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
11920 /	DEF AT - - - - -	DEF AT 3
12610 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13030 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 709	Date of Summary: 25-JUN-1982	First Sample Examined: 12510
Lease Number: G04181	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 427034011900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 3	Sample Range: 12510 - 14990	Water Depth: 164
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
12510 /	DEF AT first sample examined	DEF AT 3
12511 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12810 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
12900 /	DEF AT poor sample interval top	DEF AT 3
13490 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
14989 /	DEF AT poor sample interval bottom	DEF AT 3
14990 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 709	Date of Summary: 04-AUG-1982	First Sample Examined: 13100
Lease Number: G04181	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 427034011900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 3 of 3	Sample Range: 13100 - 15500	Water Depth: 164
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13100 /	DEF AT first sample examined	DEF AT 3
13101 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
15410 /	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
15500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 710	Date of Summary: 01-SEP-1982	First Sample Examined: 360
Lease Number: G04708	Source of Paleo: OPERATOR	Borehole MD: 11930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11930
API Well Number: 427034012600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 360 - 12030	Water Depth: 148
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 /	DEF AT first sample examined	DEF AT 1
420 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
840 /	POS AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 1
960 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
1120 /	DEF AT local marker benthic foram increase	DEF AT 1
1200 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1320 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1440 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1620 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1680 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1800 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1980 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2640 /	DEF AT sample gap top	POS AT 1
4019 /	DEF AT sample gap bottom	DEF AT 1
4020 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4650 /	DEF AT poor sample interval top	POS AT 1
4740 /	DEF AT poor sample interval bottom	DEF AT 2
4890 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5010 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5340 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5370 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 710	Date of Summary: 01-SEP-1982	First Sample Examined: 360
Lease Number: G04708	Source of Paleo: OPERATOR	Borehole MD: 11930
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11930
API Well Number: 427034012600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 360 - 12030	Water Depth: 148
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5550 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5760 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6030 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6180 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6870 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7350 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
7530 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
7650 /	DEF AT sample gap top	POS AT 2
7950 /	DEF AT sample gap bottom	DEF AT 3
8250 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8280 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8670 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9180 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10170 /	DEF AT faunal change (no faunal increase)	DEF AT 2
10440 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10740 /	DEF AT poor sample interval top	DEF AT 2
11220 /	DEF AT poor sample interval bottom	DEF AT 2
11970 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12030 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 714	Date of Summary: 15-SEP-1975	First Sample Examined: 1940
Lease Number: G03111	Source of Paleo: OPERATOR	Borehole MD: 9875
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9875
API Well Number: 427034000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1940 - 9875	Water Depth: 102
Public Info Code: Y 27-MAR-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1940 /	DEF AT first sample examined	DEF AT
6915 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9875 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 714	Date of Summary: 01-MAR-1976	First Sample Examined: 710
Lease Number: G03111	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9875
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9875
API Well Number: 427034000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 710 - 9875	Water Depth: 102
Public Info Code: Y 27-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
710 /	DEF AT first sample examined	DEF AT 1
711 /	DEF AT shell fragments	DEF AT 1
1190 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1430 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF IN 1
1610 /	POS IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
3990 /	DEF AT pyrite	DEF AT 2
4330 /	DEF AT pyrite	DEF AT 2
4555 /	POS IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4920 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
5099 /	DEF AT pyrite	DEF AT 2
5100 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 2
5280 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5730 /	DEF AT local marker benthic foram increase	DEF AT 2
5955 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 2
6180 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6585 /	POS AT local marker planktic foram increase	DEF IN 2
6615 /	DEF AT local marker planktic foram increase	DEF AT 3
6705 /	DEF AT pyrite	DEF IN 2
6735 /	DEF AT local marker benthic foram increase	DEF AT 2
6825 /	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 2
6914 /	DEF AT pyrite	DEF AT 2
6915 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 714	Date of Summary: 01-MAR-1976	First Sample Examined: 710
Lease Number: G03111	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9875
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9875
API Well Number: 427034000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 710 - 9875	Water Depth: 102
Public Info Code: Y 27-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7274 /	DEF AT pyrite	DEF AT 3
7275 /	DEF AT local marker planktic foram increase	DEF AT 3
7345 /	DEF AT local marker foram decrease	DEF IN 2
7375 /	DEF AT local marker benthic foram increase	DEF AT 2
7605 /	DEF AT reworked material	DEF AT 2
7735 /	DEF AT local marker foram decrease	DEF AT 2
8025 /	DEF AT local marker benthic foram increase	DEF AT 2
8445 /	DEF AT faunal change (no faunal increase)	DEF IN 2
8805 /	DEF AT local marker foram decrease	DEF AT 2
9655 /	DEF AT local marker benthic foram increase	DEF AT 2
9875 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MI 716	Date of Summary: 08-MAR-1983	First Sample Examined: 3720
Lease Number: G04710	Source of Paleo: OPERATOR	Borehole MD: 8320
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8320
API Well Number: 427034017600	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 3720 - 8310	Water Depth: 80
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3720 /	DEF AT first sample examined	DEF IN 2
3721 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 2
4110 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4860 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
4950 /	DEF AT sample gap top	POS AT 2
5070 /	DEF AT sample gap bottom	DEF AT 2
5310 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6600 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6810 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
7830 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
8310 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MO 823	Date of Summary: 15-DEC-1983	First Sample Examined: 14370
Lease Number: G05057	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 21736
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 21736
API Well Number: 608154000700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 2 of 3	Sample Range: 14370 - 21730	Water Depth: 40
Public Info Code: Y 04-OCT-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	DEF	AT	Ecozone
14370 /	DEF AT first sample examined	DEF	AT	
14371 /	DEF IN limestone	DEF	AT	
14372 /	DEF IN Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF	AT	
14550 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF	AT	2
17230 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF	AT	2
17290 /	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF	AT	
21360 /	DEF AT sample gap top	DEF	AT	
21725 /	DEF AT sample gap bottom	DEF	AT	
21730 /	DEF AT last sample examined	DEF	AT	

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MO 864	Date of Summary: 07-FEB-1983	First Sample Examined: 1180
Lease Number: G05064	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 3050
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 3050
API Well Number: 608154000500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1180 - 3050	Water Depth: 63
Public Info Code: Y 08-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1180 / 1180	DEF AT first sample examined	DEF AT 1
1450 / 1450	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
1690 / 1690	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
1750 / 1750	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
1990 / 1990	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
2230 / 2230	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
2349 / 2349	DEF AT poor sample interval top	DEF AT 3
2350 / 2350	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
2530 / 2530	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
3049 / 3048	DEF AT poor sample interval bottom	DEF AT 3
3050 / 3049	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MO 996	Date of Summary: 20-SEP-1974	First Sample Examined: 0
Lease Number: G02442	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5705
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5705
API Well Number: 608154000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1720 /	POS AT Upper (Late) Miocene	DEF AT
2620 /	POS AT Middle Miocene	DEF AT
4695 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
5328 /	DEF AT Middle Eocene Cook Mountain Formation	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MO 996	Date of Summary: 01-MAY-1988	First Sample Examined: 760
Lease Number: G02442	Source of Paleo: PUBLICATION	Borehole MD: 5705
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 5705
API Well Number: 608154000000	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 760 - 4710	Water Depth: 95
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Source is Mink, R M et al, 1988, Regional geologic framework and petroleum geology of Miocene strata of Alabama coastal waters area and adjacent Federal waters area, Geological Survey of Alabama and State Oil and Gas Board Final Report, page 77

MD / TVD	Paleo Top Description	Ecozone
760 /	DEF AT first sample examined	DEF AT
790 /	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT
1450 /	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT
1720 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
1750 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
2289 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
2290 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
2410 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
2590 /	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT
2649 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
2650 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
2710 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT
3730 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
3760 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
3820 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
3910 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
4030 /	DEF AT local marker foram increase	DEF AT
4060 /	DEF AT foram flood	DEF AT
4119 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
4120 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT
4150 /	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MO 996	Date of Summary: 01-MAY-1988	First Sample Examined: 760
Lease Number: G02442	Source of Paleo: PUBLICATION	Borehole MD: 5705
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 5705
API Well Number: 608154000000	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 760 - 4710	Water Depth: 95
Public Info Code: Y 31-DEC-1978	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4695 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
4710 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 28	Date of Summary: 13-DEC-1982	First Sample Examined: 5990
Lease Number: G04901	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15995
API Well Number: 177254030100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 5990 - 16000	Water Depth: 42
Public Info Code: Y 29-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5989	DEF AT first sample examined	DEF AT
7670 / 7669	DEF AT local marker (general)	DEF AT
11660 / 11657	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
12740 / 12737	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
16000 / 15995	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 28	Date of Summary: 15-JAN-1983	First Sample Examined: 4536
Lease Number: G04901	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15995
API Well Number: 177254030100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 4536 - 6470	Water Depth: 42
Public Info Code: Y 29-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4536 / 4536	DEF AT first sample examined	POS AT 2
4670 / 4670	DEF AT local marker benthic foram increase	DEF AT 3
4710 / 4710	DEF AT local marker foram decrease	DEF AT 3
4790 / 4790	DEF AT pyrite	DEF AT 3
5590 / 5590	DEF AT local marker benthic foram increase	DEF AT 3
6110 / 6109	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6470 / 6469	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 29	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G04902	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9410
API Well Number: 177254027800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 29-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 / 3927	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4720 / 4083	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7690 / 6283	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8080 / 6584	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8740 / 7080	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 41	Date of Summary: 01-MAY-1979	First Sample Examined: 2460
Lease Number: G01373	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10982
Well Name: BA001	Paleo Done By: LEE LATTA	Borehole TVD: 9251
API Well Number: 177250102600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 2460 - 10950	Water Depth: 40
Public Info Code: Y 23-DEC-1966	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2460 / 2315	DEF AT first sample examined	POS AT 2
3360 / 3043	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4290 / 3767	POS AT local marker benthic foram increase	DEF AT 2
4920 / 4265	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4949 / 4288	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4950 / 4288	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 2
6300 / 5390	DEF AT faunal change (no faunal increase)	DEF IN 1
7440 / 6345	DEF AT local marker benthic foram increase	DEF AT 2
7860 / 6691	DEF AT faunal change (no faunal increase)	DEF IN 3
7980 / 6788	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
8370 / 7103	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
8490 / 7200	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9690 / 8177	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9960 / 8407	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10200 / 8614	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
10950 / 9237	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 44	Date of Summary: 01-AUG-1979	First Sample Examined: 2501
Lease Number: G03338	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9710
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9710
API Well Number: 177254012400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 2501 - 9700	Water Depth: 21
Public Info Code: Y 24-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2501 /	DEF AT first sample examined	DEF AT
2502 /	DEF AT cement	DEF AT
2966 /	DEF AT pyrite	POS AT 2
3052 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4787 /	DEF AT sample gap top	POS AT 2
5918 /	DEF AT sample gap bottom	POS AT 3
6175 /	POS AT Upper Miocene (Tortonian) Robulus 15	POS AT 3
6787 /	DEF AT Cyclammina cancellata (local marker)	POS AT 3
7091 /	DEF AT Cyclammina cancellata (local marker)	POS AT 3
7443 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
8529 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
8789 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9223 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9700 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 59	Date of Summary: 21-NOV-1977	First Sample Examined: 0
Lease Number: G03193	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12371
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11734
API Well Number: 177254014400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 / 3140	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
3300 / 3300	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT
4830 / 4830	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 59	Date of Summary: 14-AUG-1980	First Sample Examined: 0
Lease Number: G03193	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7953
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7951
API Well Number: 177254021900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3264 / 3264	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4555 / 4555	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7016 / 7015	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 59	Date of Summary: 14-AUG-1980	First Sample Examined: 0
Lease Number: G03193	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7978
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7501
API Well Number: 177254021901	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4967 / 4891	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7375 / 6983	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 59	Date of Summary: 09-JUN-1977	First Sample Examined: 0
Lease Number: G03194	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7998
API Well Number: 177254013001	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 69
Public Info Code: Y 08-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3040 / 3039	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4990 / 4989	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6130 / 6129	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
6820 / 6818	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 63	Date of Summary: 06-JUN-1985	First Sample Examined: 0
Lease Number: G05691	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8399
API Well Number: 177254043600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 31-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7880 / 7880	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 69	Date of Summary: 05-JUL-1975	First Sample Examined: 420
Lease Number: 00372	Source of Paleo: OPERATOR	Borehole MD: 9478
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8707
API Well Number: 177250100800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 420 - 9235	Water Depth: 57
Public Info Code: Y 06-SEP-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
420 / 420	DEF AT first sample examined	DEF AT
1518 / 1518	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2342 / 2342	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2373 / 2373	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2799 / 2799	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5238 / 5219	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6392 / 6252	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6872 / 6640	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9082 / 8314	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9204 / 8407	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT
9235 / 8431	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 72	Date of Summary: 01-OCT-1976	First Sample Examined: 1280
Lease Number: G03195	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15946
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15946
API Well Number: 177254012300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 1280 - 15946	Water Depth: 140
Public Info Code: Y 04-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1280 /	DEF AT first sample examined	POS IN 3
1290 /	POS IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 3
1350 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1470 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1830 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
1860 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
1889 /	DEF AT glauconite	DEF AT 3
1890 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
2099 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2100 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
2160 /	DEF AT pyrite	DEF AT 3
2310 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
2399 /	POS IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 4
2400 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
2730 /	DEF AT pyrite	DEF AT 4
3030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3240 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3510 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3870 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 3
4380 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4590 /	DEF AT pyrite	DEF AT 3
5670 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 72	Date of Summary: 01-OCT-1976	First Sample Examined: 1280
Lease Number: G03195	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15946
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15946
API Well Number: 177254012300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 1280 - 15946	Water Depth: 140
Public Info Code: Y 04-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5910 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7410 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7411 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
7470 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 4
7499 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7500 /	DEF AT Bathysiphon fauna	DEF AT 4
7950 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8100 /	DEF AT Bathysiphon fauna	DEF AT 4
8160 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8490 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8940 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
9420 /	DEF AT Bathysiphon fauna	DEF AT 5
10259 /	DEF AT local marker deep water fauna	DEF AT 5
10260 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
10980 /	DEF AT Bathysiphon fauna	DEF AT 5
11100 /	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
11819 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
11820 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
12870 /	DEF AT Bathysiphon fauna	DEF AT 5
13650 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
14850 /	DEF AT local marker deep water fauna	DEF AT 6
14880 /	DEF AT Bathysiphon fauna	DEF AT 6
15180 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
15750 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 72	Date of Summary: 01-OCT-1976	First Sample Examined: 1280
Lease Number: G03195	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15946
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15946
API Well Number: 177254012300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 1280 - 15946	Water Depth: 140
Public Info Code: Y 04-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15900 /	DEF AT drilling material	DEF AT 6
15946 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 72	Date of Summary: 23-SEP-1977	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12507
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12377
API Well Number: 177254014100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 17-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3160 / 3160	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3370 / 3370	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6310 / 6231	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10600 / 10452	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 72	Date of Summary: 25-JAN-2001	First Sample Examined: 0
Lease Number: G03417	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9400
Well Name: C010	Paleo Done By: OPERATOR	Borehole TVD: 7459
API Well Number: 177254023401	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 122
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 09-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7620 / 5767	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8040 / 6119	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8100 / 6174	DEF AT local marker (general)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 73	Date of Summary: 23-SEP-1977	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14223
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14100
API Well Number: 177254013500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 14-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 / 2900	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3093 / 3093	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4910 / 4909	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
5620 / 5619	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10120 / 10112	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 73	Date of Summary: 27-JUN-1978	First Sample Examined: 0
Lease Number: G02947	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12222
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12003
API Well Number: 177254013100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 12-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 / 3060	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3260 / 3260	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5330 / 5329	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6135 / 6131	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7285 / 7281	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
7980 / 7975	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
9610 / 9591	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 74	Date of Summary: 03-JUN-1980	First Sample Examined: 4210
Lease Number: G03196	Source of Paleo: OPERATOR	Borehole MD: 14219
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14219
API Well Number: 177254021100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 4210 - 14140	Water Depth: 135
Public Info Code: Y 09-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4210 /	DEF AT first sample examined	DEF AT 2
6280 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7149 /	DEF AT Bathysiphon fauna	DEF AT 4
7150 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7360 /	DEF AT - - - - -	DEF AT 3
8050 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
8740 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
9670 /	DEF AT - - - - -	DEF AT 4
10210 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
11470 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
12220 /	DEF AT deepwater facies Listerella fauna	DEF AT 5
12580 /	DEF AT local marker deep water fauna	DEF AT 5
13150 /	DEF AT local marker foram increase	DEF AT 6
13509 /	DEF AT local marker deep water fauna	DEF AT 6
13510 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14140 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 86	Date of Summary: 24-MAY-1983	First Sample Examined: 1370
Lease Number: G05240	Source of Paleo: OPERATOR	Borehole MD: 6370
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6370
API Well Number: 177254032300	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1370 - 6300	Water Depth: 80
Public Info Code: Y 27-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1370 /	DEF AT first sample examined	DEF AT 1
3590 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4610 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5660 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
6300 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 90	Date of Summary: 19-JUL-1969	First Sample Examined: 3060
Lease Number: G01624	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177252001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3060 - 8500	Water Depth: 65
Public Info Code: Y 06-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3060 /	DEF AT first sample examined	DEF AT
3061 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
4705 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6000 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 92	Date of Summary: 24-NOV-1969	First Sample Examined: 590
Lease Number: G01366	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 007	Paleo Done By: LEE LATTA	Borehole TVD: 13500
API Well Number: 177250081400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 590 - 13510	Water Depth: 35
Public Info Code: Y 09-FEB-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
590 /	DEF AT first sample examined	DEF IN 2
680 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
860 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1360 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2350 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4869 /	DEF AT glauconite	DEF AT 2
4870 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5860 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
6250 /	DEF AT - - - - -	DEF AT 3
6580 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
7000 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
7390 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
7870 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8590 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9700 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF IN 4
9730 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 4
10090 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
11140 /	DEF AT Bathysiphon fauna	DEF AT 5
12100 /	DEF AT Bathysiphon fauna	POS AT 6
12190 /	DEF AT - - - - -	DEF AT 6
12310 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 92	Date of Summary: 24-NOV-1969	First Sample Examined: 590
Lease Number: G01366	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 007	Paleo Done By: LEE LATTA	Borehole TVD: 13500
API Well Number: 177250081400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 590 - 13510	Water Depth: 35
Public Info Code: Y 09-FEB-1968	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12430 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
13330 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
13480 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
13510 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 92	Date of Summary: 16-SEP-1994	First Sample Examined: 0
Lease Number: G01366	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177250094900	Drilling Operator: MOBIL EXPLORATION AND PRODUCIN	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 04-APR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4860 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6210 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 101	Date of Summary: 17-NOV-1977	First Sample Examined: 4990
Lease Number: G01300	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8864
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8864
API Well Number: 177250081600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 4990 - 10150	Water Depth: 101
Public Info Code: Y 19-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 /	DEF AT first sample examined	DEF AT 3
4991 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5230 /	DEF AT local marker foram increase	DEF AT 3
5290 /	DEF AT local marker foram decrease	DEF AT 3
5500 /	POS AT local marker foram increase	DEF AT 3
5800 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
6430 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7030 /	POS AT Upper Miocene (Tortonian) Textularia "L"	POS AT 2
7420 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
7750 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
8110 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
8860 /	DEF AT cement	POS AT 5
9040 /	DEF AT ash	DEF IN 4
9219 /	DEF AT Cyclammina sp. (local marker)	DEF IN 4
9220 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 4
9640 /	DEF AT Eggerella sp. (local marker)	DEF IN 4
9790 /	DEF AT local marker foram decrease	DEF IN 4
10150 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 107	Date of Summary: 03-APR-1987	First Sample Examined: 1000
Lease Number: G01302	Source of Paleo: OPERATOR	Borehole MD: 5300
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5300
API Well Number: 177250008200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5300	Water Depth: 58
Public Info Code: Y 18-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT 1
1180 /	DEF AT -----	DEF AT 2
1630 /	DEF AT -----	DEF AT 1
1960 /	DEF AT -----	DEF AT 2
2110 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2340 /	DEF AT -----	DEF AT 1
2910 /	DEF AT -----	DEF AT 2
3630 /	DEF AT -----	DEF AT 1
4470 /	DEF AT -----	DEF AT 2
4950 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5300 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 111	Date of Summary: 28-APR-1978	First Sample Examined: 4000
Lease Number: G01304	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8500
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8500
API Well Number: 177250081700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8500	Water Depth: 63
Public Info Code: Y 18-AUG-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 3
4360 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5290 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
5709 /	DEF AT pyrite	DEF AT 3
5710 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5920 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
7210 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
8200 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
8450 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 112	Date of Summary: 03-APR-1987	First Sample Examined: 500
Lease Number: G01305	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9000
API Well Number: 177250008500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 500 - 9000	Water Depth: 50
Public Info Code: Y 18-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF AT 1
780 /	DEF AT -----	DEF AT 2
1500 /	DEF AT -----	DEF AT 1
2220 /	DEF AT -----	DEF AT 2
2250 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2590 /	DEF AT -----	DEF AT 1
3660 /	DEF AT -----	DEF AT 2
3840 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3900 /	DEF AT -----	DEF AT 1
4890 /	DEF AT -----	DEF AT 2
5280 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5820 /	DEF AT -----	DEF AT 3
6480 /	DEF AT -----	DEF AT 2
6750 /	DEF AT -----	DEF AT 3
6990 /	DEF AT -----	DEF AT 4
7020 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
7170 /	DEF AT -----	DEF AT 3
7890 /	DEF AT -----	DEF AT 4
8610 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
9000 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 112	Date of Summary: 03-APR-1987	First Sample Examined: 4400
Lease Number: G01305	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8000
API Well Number: 177250087900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 2000 - 8000	Water Depth: 63
Public Info Code: Y 18-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4400 /	DEF AT first sample examined	DEF AT 2
4880 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6050 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 2
6560 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7400 /	DEF AT - - - - -	DEF AT 4
8000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 112	Date of Summary: 03-APR-1987	First Sample Examined: 3030
Lease Number: G01305	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7500
API Well Number: 177254001300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 3030 - 7500	Water Depth: 58
Public Info Code: Y 18-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT 1
3180 /	DEF AT -----	DEF AT 2
3270 /	DEF AT -----	DEF AT 1
3360 /	DEF AT -----	DEF AT 2
3780 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4350 /	DEF AT -----	DEF AT 1
4860 /	DEF AT -----	DEF AT 2
4950 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5340 /	DEF AT -----	DEF AT 3
5790 /	DEF AT -----	DEF AT 2
5940 /	DEF AT -----	DEF AT 3
6000 /	DEF AT -----	DEF AT 2
6600 /	DEF AT -----	DEF AT 3
6930 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 115	Date of Summary: 04-FEB-1976	First Sample Examined: 790
Lease Number: G02948	Source of Paleo: OPERATOR	Borehole MD: 8429
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8429
API Well Number: 177254012000	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 790 - 8429	Water Depth: 51
Public Info Code: Y 14-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
790 /	DEF AT first sample examined	DEF IN 1
850 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2350 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6700 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
7840 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8320 /	DEF AT - - - -	DEF AT 4
8429 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 120	Date of Summary: 26-JUN-1978	First Sample Examined: 1162
Lease Number: G03197	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6636
Well Name: CA001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 6636
API Well Number: 177254013200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 1162 - 6637	Water Depth: 180
Public Info Code: Y 16-FEB-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1162 /	DEF AT first sample examined	DEF AT 1
1163 /	DEF AT cement	DEF AT 1
1230 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1469 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
1470 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
1530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1590 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1950 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2220 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
2340 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
2640 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3520 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
3630 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
4050 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
4470 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
5250 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
6060 /	POS AT Upper Miocene (Tortonian) Robulus 15	DEF IN 3
6240 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF IN 3
6480 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
6570 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
6600 /	DEF AT pyrite	DEF AT 4
6637 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 121	Date of Summary: 24-APR-1977	First Sample Examined: 5447
Lease Number: G01628	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9638
Well Name: 003	Paleo Done By: JOHN CARSTENS	Borehole TVD: 9638
API Well Number: 177250097900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5447 - 8428	Water Depth: 143
Public Info Code: Y 30-JUN-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5447 /	DEF AT first sample examined	DEF AT
5448 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
5535 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
6239 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
6505 /	DEF AT local marker foram decrease	DEF AT
6769 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6830 /	DEF AT Arenaceous fauna (local marker)	DEF AT
6920 /	POS AT deepwater facies Listerella fauna	DEF AT
7700 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
8428 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 138	Date of Summary: 27-JAN-1973	First Sample Examined: 990
Lease Number: G02191	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7976
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7976
API Well Number: 177254006500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 990 - 7980	Water Depth: 148
Public Info Code: Y 30-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
990 /	DEF AT first sample examined	DEF IN 2
1110 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1170 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1350 /	DEF AT miliolid limestone	DEF AT 3
1620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1950 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1980 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
2010 /	DEF AT local marker planktic foram increase	DEF AT 4
2011 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
2340 /	DEF AT pyrite	POS AT 4
2760 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
2910 /	DEF AT pyrite	DEF AT 3
4620 /	DEF AT pyrite	DEF AT 3
5700 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6120 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
6300 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
6420 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
7050 /	POS AT Eggerella sp. (local marker)	DEF AT 4
7170 /	DEF AT Bathysiphon fauna	DEF IN 4
7650 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
7980 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 140	Date of Summary: 22-OCT-1993	First Sample Examined: 0
Lease Number: G02193	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11559
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 11051
API Well Number: 177254009200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 163
Public Info Code: Y 22-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5071	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 140	Date of Summary: 15-MAR-1974	First Sample Examined: 3900
Lease Number: G02193	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13634
Well Name: B005	Paleo Done By: WING GEE	Borehole TVD: 12878
API Well Number: 177254008400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3900 - 13634	Water Depth: 160
Public Info Code: Y 22-DEC-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3742	DEF AT first sample examined	POS AT 2
3901 / 3742	DEF AT cement	POS AT 2
3990 / 3824	POS IN Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
4010 / 3842	POS AT Lower Pliocene (Zanclian) Buliminella 1	POS AT 2
4160 / 3979	POS AT Upper Miocene (Messinian) Textularia "X"	POS AT 2
4220 / 4033	DEF AT drilling material	POS AT 2
5450 / 5165	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5480 / 5193	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5630 / 5331	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5930 / 5603	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
6520 / 6139	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
7390 / 6941	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7480 / 7024	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 3
7660 / 7189	DEF AT local marker foram decrease	POS AT 2
8020 / 7510	DEF AT Eggerella sp. (local marker)	POS AT 3
8740 / 8159	DEF AT Bathysiphon fauna	DEF IN 3
9270 / 8644	DEF AT Bathysiphon fauna	DEF IN 3
9300 / 8672	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9301 / 8673	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
9330 / 8700	DEF AT - - - - -	DEF IN 3
9450 / 8812	DEF AT - - - - -	DEF AT 4
9480 / 8840	DEF AT - - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 140	Date of Summary: 15-MAR-1974	First Sample Examined: 3900
Lease Number: G02193	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13634
Well Name: B005	Paleo Done By: WING GEE	Borehole TVD: 12878
API Well Number: 177254008400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3900 - 13634	Water Depth: 160
Public Info Code: Y 22-DEC-1975	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9570 / 8924	DEF AT - - - - -	DEF IN 3
9660 / 9009	DEF AT - - - - -	DEF AT 4
9810 / 9149	DEF AT - - - - -	DEF IN 3
9840 / 9177	POS AT Cyclammina cancellata (local marker)	DEF AT 4
9870 / 9205	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9930 / 9261	DEF AT - - - - -	DEF IN 3
10020 / 9345	DEF AT local marker foram decrease	DEF AT 3
10450 / 9748	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10570 / 9861	DEF AT - - - - -	DEF IN 3
10630 / 9917	DEF AT Bathysiphon fauna	DEF AT 4
10660 / 9946	POS AT local marker foram decrease	DEF IN 3
10804 / 10082	DEF AT cement	POS IN 3
10900 / 10174	DEF AT - - - - -	DEF IN 3
11170 / 10435	POS AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF IN 3
11200 / 10464	DEF AT Bathysiphon fauna	DEF AT 4
11290 / 10551	POS AT local marker foram increase	DEF IN 4
11440 / 10697	DEF AT - - - - -	DEF AT 4
12150 / 11399	DEF AT Eggerella sp. (local marker)	DEF AT 4
12540 / 11786	DEF AT - - - - -	DEF IN 3
12780 / 12026	DEF AT local marker foram decrease	DEF AT 3
13200 / 12445	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
13230 / 12475	DEF AT local marker benthic foram increase	DEF AT 4
13280 / 12524	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
13340 / 12584	DEF AT local marker foram decrease	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 140	Date of Summary: 15-MAR-1974	First Sample Examined: 3900
Lease Number: G02193	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13634
Well Name: B005	Paleo Done By: WING GEE	Borehole TVD: 12878
API Well Number: 177254008400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3900 - 13634	Water Depth: 160
Public Info Code: Y 22-DEC-1975	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13460 / 12704	DEF AT local marker benthic foram increase	DEF AT 4
13519 / 12763	DEF AT gray shale	DEF AT 4
13520 / 12764	DEF AT local marker planktic foram increase	DEF AT 4
13550 / 12794	DEF AT local marker foram decrease	DEF IN 3
13610 / 12854	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13634 / 12878	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 143	Date of Summary: 31-JAN-1985	First Sample Examined: 4850
Lease Number: G05700	Source of Paleo: OPERATOR	Borehole MD: 19342
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19342
API Well Number: 177254039100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4850 - 19320	Water Depth: 198
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4850 /	DEF AT first sample examined	DEF AT
6740 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
18670 /	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
19030 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
19320 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 144	Date of Summary: 23-AUG-1978	First Sample Examined: 4040
Lease Number: G01634	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8591
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8588
API Well Number: 177250092600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 4040 - 8600	Water Depth: 207
Public Info Code: Y 04-NOV-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 / 4040	DEF AT first sample examined	DEF AT 3
4041 / 4041	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5650 / 5649	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7010 / 7009	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7370 / 7368	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF IN 3
7610 / 7608	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
7730 / 7728	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
8600 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 145	Date of Summary: 04-JAN-1975	First Sample Examined: 1338
Lease Number: G01635	Source of Paleo: OPERATOR	Borehole MD: 5455
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5455
API Well Number: 177250090700	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1338 - 4960	Water Depth: 208
Public Info Code: Y 24-JUN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1338 /	DEF AT first sample examined	DEF AT
1339 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
2272 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
2847 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3850 /	POS AT local marker benthic foram increase	DEF AT
4959 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
4960 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 145	Date of Summary: 31-AUG-1967	First Sample Examined: 495
Lease Number: G01635	Source of Paleo: OPERATOR	Borehole MD: 7676
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7676
API Well Number: 177250090400	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 495 - 7620	Water Depth: 208
Public Info Code: Y 24-JUN-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
495 / 495	DEF AT first sample examined	DEF AT
1377 / 1377	DEF AT glauconite	DEF AT
1378 / 1378	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
2438 / 2438	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
3450 / 3450	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6090 / 6086	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6540 / 6532	DEF AT local marker benthic foram increase	DEF AT
7440 / 7421	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
7620 / 7598	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 145	Date of Summary: 29-AUG-1977	First Sample Examined: 3690
Lease Number: G01635	Source of Paleo: OPERATOR	Borehole MD: 8661
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8661
API Well Number: 177250096600	Drilling Operator: CONOCO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3690 - 8665	Water Depth: 208
Public Info Code: Y 24-JUN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 /	DEF AT first sample examined	DEF AT
3691 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6180 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6970 /	DEF AT local marker benthic foram increase	DEF AT
7860 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8665 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 147	Date of Summary: 18-SEP-1974	First Sample Examined: 1500
Lease Number: G02630	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13988
API Well Number: 177254011200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1500 - 14000	Water Depth: 178
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF AT 3
1501 / 1501	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1735 / 1735	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
1778 / 1778	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1864 / 1864	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3181 / 3181	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3429 / 3429	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6244 / 6244	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
6885 / 6885	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 3
8075 / 8075	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8249 / 8248	DEF AT - - - - -	DEF AT 4
8800 / 8799	DEF AT - - - - -	DEF AT 5
10570 / 10568	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
13800 / 13789	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
14000 / 13988	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 149	Date of Summary: 20-APR-1973	First Sample Examined: 910
Lease Number: G02196	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9928
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8914
API Well Number: 177254007000	Drilling Operator: TEXACO INC	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 910 - 9929	Water Depth: 190
Public Info Code: Y 29-SEP-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
910 / 910	DEF AT first sample examined	DEF AT 3
911 / 911	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1304 / 1303	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1626 / 1620	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1657 / 1650	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
1875 / 1862	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2064 / 2043	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2157 / 2131	DEF AT glauconite	DEF AT 3
2280 / 2247	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2281 / 2248	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2375 / 2337	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
2407 / 2367	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
2439 / 2397	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2842 / 2770	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2966 / 2883	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4985 / 4696	DEF AT pyrite	DEF AT 2
4986 / 4697	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5383 / 5056	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
5660 / 5307	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
5905 / 5529	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
5906 / 5530	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
6283 / 5873	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 149	Date of Summary: 20-APR-1973	First Sample Examined: 910
Lease Number: G02196	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9928
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8914
API Well Number: 177254007000	Drilling Operator: TEXACO INC	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 910 - 9929	Water Depth: 190
Public Info Code: Y 29-SEP-1977	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6763 / 6311	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8127 / 7520	DEF AT Bathysiphon fauna	DEF AT 5
8157 / 7546	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9424 / 8546	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
9867 / 8870	DEF AT Bathysiphon fauna	DEF AT 5
9929 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 149	Date of Summary: 07-OCT-1977	First Sample Examined: 0
Lease Number: G02196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5690
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5690
API Well Number: 177254015100	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 29-SEP-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2570 / 2570	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3045 / 3045	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5101 / 5101	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
5552 / 5552	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 151	Date of Summary: 17-SEP-1977	First Sample Examined: 3812
Lease Number: G02951	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8453
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8453
API Well Number: 177254011500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3812 - 8420	Water Depth: 186
Public Info Code: Y 09-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3812 / 3812	DEF AT first sample examined	POS AT 2
3813 / 3813	DEF AT cement	POS AT 2
3830 / 3830	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
3831 / 3831	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4010 / 4010	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4760 / 4759	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5930 / 5929	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6140 / 6139	DEF AT Eggerella sp. (local marker)	DEF AT 3
7610 / 7608	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7640 / 7638	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8150 / 8148	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8420 / 8418	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 153	Date of Summary: 13-MAR-1970	First Sample Examined: 5980
Lease Number: G01901	Source of Paleo: OPERATOR	Borehole MD: 10100
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8186
API Well Number: 177252005301	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5980 - 10100	Water Depth: 300
Public Info Code: Y 03-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5415	DEF AT first sample examined	DEF AT
10100 / 8176	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 153	Date of Summary: 05-FEB-1970	First Sample Examined: 2380
Lease Number: G01967	Source of Paleo: OPERATOR	Borehole MD: 8250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8250
API Well Number: 177252005300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 2380 - 8250	Water Depth: 285
Public Info Code: Y 21-FEB-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2380 /	DEF AT first sample examined	DEF AT
4750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8250 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 153	Date of Summary: 01-JUN-1979	First Sample Examined: 2260
Lease Number: G01967	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8250
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8250
API Well Number: 177252005300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 2260 - 8250	Water Depth: 285
Public Info Code: Y 21-FEB-1972	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2260 /	DEF AT first sample examined	DEF AT 3
2620 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
2710 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3010 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4630 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5410 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
5470 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 3
7180 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7240 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7510 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
8250 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 154	Date of Summary: 25-OCT-1984	First Sample Examined: 180
Lease Number: G05701	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20495
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 20495
API Well Number: 177244026900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 4	Sample Range: 180 - 1410	Water Depth: 133
Public Info Code: Y 30-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
180 /	DEF AT first sample examined	DEF AT 2
930 /	DEF AT local marker planktic foram increase	DEF AT 3
990 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 3
1320 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
1380 /	DEF AT local marker benthic foram increase	DEF AT 3
1410 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 154	Date of Summary: 01-NOV-1984	First Sample Examined: 4260
Lease Number: G05701	Source of Paleo: OPERATOR	Borehole MD: 20495
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20495
API Well Number: 177244026900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 2 of 4	Sample Range: 4260 - 20495	Water Depth: 133
Public Info Code: Y 30-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4260 /	DEF AT first sample examined	DEF AT 3
4261 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5610 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
6480 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
7860 /	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 4
8400 /	DEF AT Lower (Early) Eocene	DEF AT 4
8900 /	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT 4
10280 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
10281 /	POS AT Upper Cretaceous Cenomanian Stage	DEF AT 1
11420 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
13020 /	POS AT Lower Cretaceous Mooringsport Formation	DEF AT 1
15390 /	POS AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 1
19800 /	POS AT Jurassic Bossier Formation	DEF AT 1
20495 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 154	Date of Summary: 01-MAY-1988	First Sample Examined: 990
Lease Number: G05701	Source of Paleo: PUBLICATION	Borehole MD: 20495
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 20495
API Well Number: 177244026900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 3 of 4	Sample Range: 990 - 7140	Water Depth: 133
Public Info Code: Y 30-JUN-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark: Source is Mink, R M et al, 1988, Regional geologic framework and petroleum geology of Miocene strata of Alabama coastal waters area and adjacent Federal waters area, Geological Survey of Alabama and State Oil and Gas Board Final Report, page 76

MD / TVD	Paleo Top Description	Ecozone
990 /	DEF AT first sample examined	DEF AT
991 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
1320 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
2770 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3600 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
4260 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4530 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
5459 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
5460 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
5490 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
5520 /	DEF AT foram flood	DEF AT
5580 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
5640 /	DEF AT deepwater facies Harang	DEF AT
5789 /	DEF AT foram flood	DEF AT
5790 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6150 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
6330 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
6448 /	DEF AT foram flood	DEF AT
6449 /	DEF AT Cyclamina cancellata (local marker)	DEF AT
6450 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT
6480 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 154	Date of Summary: 01-MAY-1988	First Sample Examined: 990
Lease Number: G05701	Source of Paleo: PUBLICATION	Borehole MD: 20495
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 20495
API Well Number: 177244026900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 3 of 4	Sample Range: 990 - 7140	Water Depth: 133
Public Info Code: Y 30-JUN-1987	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7110 /	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
7140 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 154	Date of Summary: 01-MAY-1993	First Sample Examined: 2500
Lease Number: G05701	Source of Paleo: PUBLICATION	Borehole MD: 20495
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 20495
API Well Number: 177244026900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 4 of 4	Sample Range: 2500 - 20495	Water Depth: 133
Public Info Code: Y 30-JUN-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Paleo from chart on page 334 of SEPM Special Publication 42

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT first sample examined	DEF AT
3390 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3600 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
3870 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT
5460 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
5490 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
5760 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
6180 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7560 /	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT
7620 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT
7920 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka semiinvoluta	DEF AT
7980 /	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT
8010 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT
8220 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT
8400 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT
8700 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
8720 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT
8820 /	DEF AT Upper Paleocene (Thanetian) Morozovella angulata	DEF AT
8900 /	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
8920 /	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT
9420 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
20495 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 162	Date of Summary: 29-AUG-1975	First Sample Examined: 3530
Lease Number: G02953	Source of Paleo: OPERATOR	Borehole MD: 8450
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8450
API Well Number: 177244009200	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3530 - 8540	Water Depth: 95
Public Info Code: Y 12-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3530	DEF AT first sample examined	DEF IN 2
4370 / 4370	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
5030 / 5030	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
5900 / 5899	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
6050 / 6049	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
6051 / 6050	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
8540 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 177	Date of Summary: 11-MAY-1971	First Sample Examined: 1000
Lease Number: G01636	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12504
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12490
API Well Number: 177242000700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12504	Water Depth: 132
Public Info Code: Y 24-JUN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1001 /	POS IN Pleistocene	DEF AT 2
4230 /	POS IN Upper (Late) Miocene	DEF AT 4
4900 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
5000 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
5120 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4
5600 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
5960 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7400 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
7459 /	DEF AT Bathysiphon fauna	DEF AT 4
7460 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
7520 /	DEF AT Bathysiphon fauna	DEF AT 4
7700 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
7970 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
8899 /	DEF AT Bathysiphon fauna	DEF AT 5
8900 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8990 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
9140 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
9410 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
9470 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 6
9619 /	DEF AT local marker planktic foram increase	DEF AT 6
9620 /	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 177	Date of Summary: 11-MAY-1971	First Sample Examined: 1000
Lease Number: G01636	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12504
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12490
API Well Number: 177242000700	Drilling Operator: HESS CORPORATION	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12504	Water Depth: 132
Public Info Code: Y 24-JUN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9739 /	DEF AT limestone	DEF AT 6
9740 /	POS AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 6
9920 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 6
9980 /	POS AT Lower Oligocene (Rupelian) Nodosaria blanpiedi	DEF AT 6
10430 /	POS AT Lower Oligocene (Rupelian) Loxostoma "B"	DEF AT 6
10700 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 6
10940 /	DEF AT pyrite	DEF AT 6
11030 /	POS AT Upper Paleocene (Thanetian) Vaginulina longiforma	DEF AT 6
11060 /	DEF AT pyrite	DEF AT 6
11150 /	DEF AT limestone	DEF AT 6
11180 /	DEF AT Upper Paleocene (Thanetian) Vaginulina longiforma	DEF AT 6
11360 /	DEF AT Upper Paleocene (Selandian) Vaginulina midwayensis	DEF AT 6
11389 /	DEF AT limestone	DEF AT 6
11390 /	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 6
12504 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 209	Date of Summary: 20-AUG-1971	First Sample Examined: 0
Lease Number: G01641	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12466
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 12466
API Well Number: 177244002500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 27-DEC-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5927 / 5927	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9800 / 9797	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10840 / 10835	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12382 / 12376	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 220	Date of Summary: 09-JUN-1974	First Sample Examined: 0
Lease Number: G02199	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10260
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10260
API Well Number: 177244008400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 222
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report based on sidewall cores

MD / TVD	Paleo Top Description	Ecozone
3360 /	POS IN Pliocene	DEF AT
6260 /	POS IN Miocene	DEF AT
7610 /	POS AT Oligocene	DEF AT
7850 /	POS IN Eocene	DEF AT
8950 /	POS AT Upper (Late) Cretaceous	DEF AT
9177 /	POS AT Lower (Early) Cretaceous	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 221	Date of Summary: 24-FEB-1974	First Sample Examined: 2200
Lease Number: G02200	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11020
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11020
API Well Number: 177244006800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2200 - 11020	Water Depth: 247
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2200 /	DEF AT first sample examined	POS AT 2
2201 /	DEF AT cement	POS AT 2
2202 /	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	POS AT 2
2380 /	DEF AT foram flood	DEF AT 3
2620 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
2740 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3070 /	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 3
3100 /	DEF AT glauconite	DEF AT 3
3490 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
3520 /	DEF AT pyrite	DEF AT 4
3580 /	DEF AT local marker foram decrease	DEF IN 3
3610 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
3760 /	DEF AT local marker foram decrease	DEF AT 3
4060 /	DEF AT faunal change (no faunal increase)	DEF IN 3
4090 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4120 /	DEF AT faunal change (no faunal increase)	DEF IN 3
4180 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4210 /	DEF AT faunal change (no faunal increase)	DEF AT 4
4240 /	DEF AT faunal change (no faunal increase)	DEF IN 3
4329 /	DEF AT pyrite	DEF IN 3
4330 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 3
4360 /	DEF AT faunal change (no faunal increase)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 221	Date of Summary: 24-FEB-1974	First Sample Examined: 2200
Lease Number: G02200	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11020
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11020
API Well Number: 177244006800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2200 - 11020	Water Depth: 247
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 /	DEF AT faunal change (no faunal increase)	POS AT 2
4540 /	DEF AT Arenaceous fauna (local marker)	POS AT 2
4570 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
4630 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
4659 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
4660 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
4690 /	DEF AT local marker benthic foram increase	DEF IN 3
4750 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
4810 /	DEF AT local marker foram increase	DEF IN 3
4930 /	DEF AT local marker foram decrease	DEF AT 3
4990 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
5110 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5170 /	DEF AT pyrite	DEF AT 2
5200 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5289 /	DEF AT gray shale	DEF AT 4
5290 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
5320 /	DEF AT faunal change (no faunal increase)	DEF IN 3
5410 /	DEF AT local marker foram decrease	POS AT 3
5739 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
5740 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
5770 /	POS AT Arenaceous fauna (local marker)	DEF AT 3
5830 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
5970 /	POS AT Bathysiphon fauna	DEF AT 3
6270 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 221	Date of Summary: 24-FEB-1974	First Sample Examined: 2200
Lease Number: G02200	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11020
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11020
API Well Number: 177244006800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2200 - 11020	Water Depth: 247
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6299 /	DEF AT faunal change (no faunal increase)	DEF IN 3
6300 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 3
6510 /	DEF AT local marker foram decrease	DEF AT 3
6720 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
6810 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
6840 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 3
7080 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 3
7110 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
7200 /	DEF IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7500 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
7560 /	DEF AT sand	DEF IN 3
7619 /	DEF AT foram flood	DEF AT 4
7620 /	POS IN Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 4
7680 /	POS IN Upper Oligocene (Chattian) Globigerina sellii	DEF AT 4
7709 /	DEF AT foram flood	DEF AT 4
7710 /	POS AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 4
7770 /	POS IN Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 4
7800 /	DEF AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF AT 4
7830 /	DEF AT limestone	DEF AT 4
7860 /	DEF IN limestone	DEF IN 3
7950 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF IN 3
8020 /	DEF AT foram flood	DEF IN 3
8060 /	DEF IN Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF IN 3
8090 /	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 221	Date of Summary: 24-FEB-1974	First Sample Examined: 2200
Lease Number: G02200	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11020
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11020
API Well Number: 177244006800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2200 - 11020	Water Depth: 247
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8170 /	DEF AT faunal change (no faunal increase)	POS IN 3
8240 /	POS IN Lower Eocene (Ypresian) Morozovella formosa formosa	POS IN 3
8370 /	POS AT Lower Eocene (Ypresian) Morozovella acuta	DEF IN 3
8510 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 3
8590 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF IN 3
8600 /	DEF AT local marker planktic foram increase	DEF IN 3
8650 /	DEF IN Upper Paleocene (Thanetian) Morozovella velascoensis	DEF IN 3
8680 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF IN 3
8740 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF IN 3
8760 /	DEF IN Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF IN 3
8790 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF IN 3
8829 /	DEF AT Bathysiphon fauna	DEF IN 3
8830 /	DEF IN Lower Paleocene (Danian) Globorotalia trinidadensis	DEF IN 3
8920 /	DEF AT sample gap top	POS IN 3
9058 /	DEF AT sample gap bottom	POS AT 3
9059 /	DEF AT cement	POS AT 3
9060 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	POS AT 3
9130 /	DEF AT faunal change (no faunal increase)	POS AT 3
9150 /	POS AT Upper Cretaceous (Campanian) Globotruncana elevata	POS AT 3
9190 /	DEF AT local marker planktic foram increase	DEF AT 3
9220 /	DEF AT local marker foram decrease	POS AT 3
9229 /	DEF AT limestone	POS AT 3
9230 /	DEF AT reefal material	POS AT 3
9330 /	POS AT limestone	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 221	Date of Summary: 24-FEB-1974	First Sample Examined: 2200
Lease Number: G02200	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11020
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11020
API Well Number: 177244006800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2200 - 11020	Water Depth: 247
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9859 /	DEF AT limestone	POS AT 3
9860 /	DEF AT reefal material	POS AT 3
10060 /	POS AT Upper Cretaceous (Santonian) Marginotruncana renzi	POS AT 3
10470 /	POS AT oolites	POS AT 3
10650 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	POS AT 3
10820 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	POS AT 3
10880 /	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	POS AT 3
10930 /	POS AT miliolid limestone	POS AT 2
10970 /	DEF AT miliolid limestone	POS AT 2
11000 /	DEF AT Lower Cretaceous (Albian) Planomalina buxtorfi	POS AT 2
11010 /	POS AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	POS AT 2
11020 /	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 222	Date of Summary: 04-SEP-1973	First Sample Examined: 1200
Lease Number: G02201	Source of Paleo: OPERATOR	Borehole MD: 11889
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11889
API Well Number: 177244006300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 1200 - 11889	Water Depth: 227
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	DEF AT 5
1201 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
1380 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
1800 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
2720 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
3080 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
4790 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
5780 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
6080 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 5
6440 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
6560 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 6
6620 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
6740 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
6830 /	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
7040 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
7130 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
7190 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
7250 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
7310 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 6
7670 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 6
7850 /	POS AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 6
7970 /	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 222	Date of Summary: 04-SEP-1973	First Sample Examined: 1200
Lease Number: G02201	Source of Paleo: OPERATOR	Borehole MD: 11889
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11889
API Well Number: 177244006300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 1200 - 11889	Water Depth: 227
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS:	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 5
8001 /	DEF AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 5
8270 /	DEF AT Middle Eocene (Lutetian) Morozovella aragonensis	DEF AT 5
8570 /	DEF AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
8780 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
8924 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 3
9050 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 3
9216 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 3
9241 /	DEF AT Upper Cretaceous (Campanian) Globotruncana calcarata	DEF AT 3
9290 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT 3
10636 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 3
10850 /	DEF AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT 3
11180 /	DEF AT Lower Cretaceous (Albian) Coskinoloides texanus	DEF AT 3
11866 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 3
11889 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 222	Date of Summary: 15-NOV-1973	First Sample Examined: 1200
Lease Number: G02201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11889
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11889
API Well Number: 177244006300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 1200 - 11870	Water Depth: 227
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF AT 3
1201 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
1260 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1320 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
1620 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
1670 /	DEF AT local marker planktic foram increase	DEF AT 4
1800 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
2220 /	DEF AT faunal change (no faunal increase)	DEF IN 3
2280 /	DEF AT cement	POS IN 3
2480 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
2600 /	DEF AT local marker foram increase	DEF IN 3
2720 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 3
3110 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
3170 /	DEF AT - - - -	DEF AT 3
3620 /	DEF AT pyrite	POS AT 3
3710 /	DEF AT siltstone	POS AT 3
3890 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
3920 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
4040 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
4100 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
4670 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
4850 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 222	Date of Summary: 15-NOV-1973	First Sample Examined: 1200
Lease Number: G02201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11889
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11889
API Well Number: 177244006300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 1200 - 11870	Water Depth: 227
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
5330 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
5390 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
5480 /	DEF AT local marker benthic foram increase	DEF IN 3
5510 /	POS AT local marker foram decrease	DEF AT 3
5570 /	POS AT Bathysiphon fauna	DEF IN 3
5600 /	DEF AT - - - -	DEF AT 3
5780 /	DEF AT local marker foram decrease	POS AT 3
5929 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	POS AT 3
5930 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	POS AT 3
6169 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
6170 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
6260 /	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
6349 /	DEF AT siltstone	DEF AT 3
6350 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
6351 /	POS AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 3
6470 /	DEF IN Arenaceous fauna (local marker)	DEF AT 4
6530 /	POS AT local marker foram decrease	DEF IN 3
6650 /	POS AT Bathysiphon fauna	DEF IN 3
6680 /	POS IN Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 3
6890 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
6920 /	DEF AT Bathysiphon fauna	DEF AT 4
7040 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
7070 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
7160 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 222	Date of Summary: 15-NOV-1973	First Sample Examined: 1200
Lease Number: G02201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11889
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11889
API Well Number: 177244006300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 1200 - 11870	Water Depth: 227
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7190 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
7220 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 4
7250 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
7309 /	DEF AT foram flood	DEF AT 5
7310 /	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 5
7729 /	DEF AT local marker planktic foram increase	DEF AT 5
7730 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
7820 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 5
7910 /	DEF AT foram flood	DEF AT 5
7940 /	POS AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 5
8000 /	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 3
8060 /	DEF AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF AT 3
8090 /	DEF AT local marker planktic foram increase	POS AT 3
8240 /	POS AT Upper Paleocene (Thanetian) Vaginulina longiforma	POS AT 3
8300 /	POS AT Lower Eocene (Ypresian) Morozovella formosa formosa	POS AT 3
8420 /	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	POS AT 3
8480 /	POS AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	POS AT 3
8510 /	POS AT reworked material	POS AT 3
8540 /	POS AT Upper Paleocene (Thanetian) Morozovella angulata	POS AT 3
8700 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	POS AT 3
8785 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	POS AT 3
8795 /	POS AT reworked material	DEF AT 3
8938 /	DEF AT local marker planktic foram increase	DEF AT 4
8939 /	DEF IN Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 222	Date of Summary: 15-NOV-1973	First Sample Examined: 1200
Lease Number: G02201	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11889
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11889
API Well Number: 177244006300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 1200 - 11870	Water Depth: 227
Public Info Code: Y 29-OCT-1976	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
9005 /	DEF AT Lower Paleocene (Danian) Globoconusa daubjergensis	DEF AT 4
9080 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 3
9161 /	DEF IN Upper Cretaceous (Maastrichtian) Globotruncana contusa	DEF AT 3
9311 /	DEF AT limestone	DEF AT
9312 /	DEF AT reefal material	DEF AT
9500 /	DEF AT limestone	DEF AT
9501 /	DEF AT reefal material	DEF AT
9740 /	POS AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
9762 /	DEF AT reworked material	DEF AT
9763 /	DEF AT local marker foram decrease	DEF AT
10640 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
10740 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
10820 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
10850 /	POS AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT
10880 /	DEF AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT
10999 /	POS IN Lower Cretaceous (Albian) Ticinella roberti	DEF AT
11000 /	POS AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT
11030 /	DEF AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT
11150 /	POS AT miliolid limestone	DEF AT
11449 /	DEF AT miliolid limestone	DEF AT
11450 /	DEF AT local marker foram increase	DEF AT
11780 /	POS AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
11870 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 223	Date of Summary: 10-SEP-1975	First Sample Examined: 0
Lease Number: G02202	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12210
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12204
API Well Number: 177244008500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1070 / 1070	POS AT Pleistocene	DEF AT
1370 / 1370	POS AT Pliocene	DEF AT
3320 / 3320	POS AT Miocene	DEF AT
9650 / 9645	POS AT Oligocene	DEF AT
9710 / 9705	DEF AT Paleocene	DEF AT
9770 / 9765	DEF AT Lower (Early) Cretaceous	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 235	Date of Summary: 26-JUL-1982	First Sample Examined: 1200
Lease Number: G04916	Source of Paleo: OPERATOR	Borehole MD: 13822
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13663
API Well Number: 177244022000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1200 - 12410	Water Depth: 200
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1200 / 1200	DEF AT first sample examined	DEF IN 2
1740 / 1740	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
3300 / 3300	DEF AT sample gap top	POS IN 2
3660 / 3660	DEF AT sample gap bottom	DEF IN 2
3750 / 3750	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
4260 / 4260	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
6470 / 6469	DEF AT - - - - -	DEF AT 3
7430 / 7428	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7730 / 7727	DEF AT - - - - -	DEF AT 4
7970 / 7967	DEF AT - - - - -	DEF AT 6
10160 / 10112	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
10850 / 10777	POS AT - - - - -	DEF AT 5
11750 / 11636	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
12290 / 12150	DEF AT - - - - -	DEF AT 6
12410 / 12268	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 235	Date of Summary: 26-JUL-1982	First Sample Examined: 11850
Lease Number: G04916	Source of Paleo: OPERATOR	Borehole MD: 13822
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13663
API Well Number: 177244022000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 11850 - 13821	Water Depth: 200
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11850 / 11729	DEF AT first sample examined	DEF IN 5
12390 / 12249	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 5
13500 / 13343	DEF AT - - - - -	DEF AT 6
13821 / 13662	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 236	Date of Summary: 20-JUN-1969	First Sample Examined: 5530
Lease Number: G01648	Source of Paleo: OPERATOR	Borehole MD: 5800
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5800
API Well Number: 177242001600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5530 - 5800	Water Depth: 190
Public Info Code: Y 28-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5530 /	DEF AT first sample examined	DEF AT
5531 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5800 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 03-DEC-1970	First Sample Examined: 3720
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 10164
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10164
API Well Number: 177242001800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 3720 - 10164	Water Depth: 275
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3720 /	DEF AT first sample examined	DEF AT
4500 /	POS IN Pliocene	DEF AT
6500 /	POS IN Upper (Late) Miocene	DEF AT
6970 /	POS IN Lower (Early) Miocene	DEF AT
7480 /	POS IN Oligocene	DEF AT
7730 /	POS IN Middle Eocene	DEF AT
8106 /	POS IN Lower (Early) Eocene	DEF AT
8461 /	POS IN Paleocene	DEF AT
8687 /	POS IN Upper (Late) Cretaceous	DEF AT
8730 /	POS IN Lower (Early) Cretaceous	DEF AT
10163 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
10164 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 01-MAY-1993	First Sample Examined: 3720
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 10164
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10164
API Well Number: 177242001800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 3720 - 10164	Water Depth: 275
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3720 /	DEF AT first sample examined	DEF AT
6190 /	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT
6910 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
6970 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
7640 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT
8461 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
10164 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 02-DEC-1970	First Sample Examined: 5297
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 10960
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10586
API Well Number: 177242002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5297 - 10960	Water Depth: 275
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report based on sidewall cores

MD / TVD	Paleo Top Description	Ecozone
5297 / 5142	DEF AT first sample examined	DEF AT
6908 / 6678	POS IN Upper (Late) Miocene	DEF AT
7409 / 7160	POS IN Lower (Early) Miocene	DEF AT
7966 / 7698	POS IN Oligocene	DEF AT
8023 / 7753	POS IN Middle Eocene	DEF AT
8503 / 8216	POS IN Lower (Early) Eocene	DEF AT
8811 / 8513	POS IN Paleocene	DEF AT
9046 / 8739	POS IN Upper (Late) Cretaceous	DEF AT
9078 / 8769	POS IN Lower (Early) Cretaceous	DEF AT
10959 / 10574	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
10960 / 10575	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 17-DEC-1970	First Sample Examined: 7900
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177242012700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7900 - 11358	Water Depth: 300
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report based on sidewall cores

MD / TVD	Paleo Top Description	Ecozone
7900 /	DEF AT first sample examined	DEF AT
7901 /	POS IN Middle Miocene	DEF AT
8090 /	POS IN Oligocene Frio Formation/Provincial Stage	DEF AT
8150 /	POS IN Middle Eocene	DEF AT
8680 /	POS AT Lower (Early) Eocene	DEF AT
8740 /	POS IN Paleocene	DEF AT
8880 /	POS AT Upper (Late) Cretaceous	DEF AT
8960 /	POS IN Lower (Early) Cretaceous	DEF AT
11358 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 29-JAN-1971	First Sample Examined: 8260
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 10760
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10760
API Well Number: 177242013300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8260 - 10760	Water Depth: 300
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8260 /	DEF AT first sample examined	DEF AT
8261 /	POS IN Middle Eocene	DEF AT
8503 /	POS IN Lower (Early) Eocene	DEF AT
8570 /	POS IN Paleocene	DEF AT
8830 /	POS IN Upper (Late) Cretaceous	DEF AT
8892 /	POS IN Lower (Early) Cretaceous	DEF AT
10760 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 20-JUL-1974	First Sample Examined: 840
Lease Number: G01654	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 840 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Samples from 10850 to TD were only rinsed

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
840 /	DEF AT first sample examined	POS AT 2
870 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1025 /	DEF AT local marker foram decrease	DEF AT 2
1095 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1290 /	DEF AT miliolid limestone	DEF AT 2
1440 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1515 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1710 /	DEF AT cement	DEF AT 2
1725 /	DEF IN drilling material	DEF IN 2
1844 /	DEF AT local marker planktic foram increase	DEF AT 3
1845 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
1846 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
1860 /	DEF AT local marker foram decrease	DEF AT 3
1890 /	DEF AT - - - - -	DEF IN 2
2145 /	DEF AT local marker planktic foram increase	DEF AT 3
2167 /	DEF AT cement	POS IN 3
2315 /	DEF AT local marker planktic foram increase	DEF AT 3
2405 /	DEF AT siltstone	DEF AT 3
2440 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
2510 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
2620 /	DEF AT local marker foram increase	DEF AT 4
3920 /	DEF AT cement	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 20-JUL-1974	First Sample Examined: 840
Lease Number: G01654	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 840 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
4160 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
4249 /	DEF AT pyrite	DEF AT 4
4250 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
4330 /	DEF AT pyrite	POS AT 4
4800 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	POS AT 4
5540 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
5660 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
5780 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
6039 /	DEF AT pyrite	DEF AT 4
6330 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
6510 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 4
6600 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
6630 /	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
6660 /	DEF AT local marker foram decrease	DEF AT 4
6840 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
6870 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
7020 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7050 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
7080 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
7200 /	DEF AT pyrite	DEF AT 4
7320 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7380 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
7440 /	POS IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7441 /	POS AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 20-JUL-1974	First Sample Examined: 840
Lease Number: G01654	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 840 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 /	DEF AT local marker planktic foram increase	DEF AT 4
7560 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
7589 /	DEF AT foram flood	DEF IN 4
7590 /	POS AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF IN 4
7680 /	DEF AT limestone	DEF IN 4
7770 /	POS AT Upper Eocene (Priabonian) Globigerinatheka tropicalis / mexicana	DEF IN 4
7800 /	DEF AT Lower Eocene (Ypresian) Acarinina soldadoensis	DEF IN 4
7890 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	POS IN 4
8050 /	POS IN Lower Eocene (Ypresian) Morozovella formosa formosa	POS AT 3
8100 /	POS AT reworked material	POS AT 3
8360 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 3
8430 /	DEF IN Upper Paleocene (Thanetian) Morozovella angulata	DEF IN 3
8431 /	POS AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF IN 3
8460 /	DEF AT foram flood	DEF AT 4
8470 /	DEF AT local marker planktic foram increase	DEF AT 4
8490 /	DEF AT local marker benthic foram increase	DEF AT 4
8500 /	DEF AT Upper Paleocene (Thanetian) Vaginulina longiforma	DEF AT 4
8570 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 4
8590 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4
8600 /	DEF IN Lower Paleocene (Danian) Globorotalia trinidadensis	DEF AT 4
8700 /	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT 4
8730 /	DEF AT sample gap top	DEF AT
9719 /	DEF AT sample gap bottom	DEF AT
9720 /	DEF AT limestone	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 20-JUL-1974	First Sample Examined: 840
Lease Number: G01654	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 3	Sample Range: 840 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9960 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
10200 /	POS AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT
10290 /	POS AT miliolid limestone	DEF AT
10590 /	DEF AT miliolid limestone	DEF AT
10850 /	POS AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT
10880 /	DEF AT sample gap top	DEF AT
11089 /	DEF AT sample gap bottom	DEF AT
11090 /	DEF AT miliolid limestone	DEF AT
11850 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
12360 /	DEF AT sample gap top	DEF AT
12390 /	DEF AT sample gap bottom	DEF AT
14550 /	DEF AT oolites	DEF AT
15540 /	DEF AT miliolid limestone	DEF AT
15630 /	DEF AT oolites	DEF AT
16130 /	DEF AT Cyclammina sp. (local marker)	DEF AT
16320 /	DEF IN Lower Cretaceous (Albian) Orbitolina texana	DEF AT
16770 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
17000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 16-JAN-2002	First Sample Examined: 3440
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: SHELL OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 3290 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3290 /	DEF AT first sample examined	POS AT 3
3440 /	DEF AT - - - -	DEF AT 3
4360 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
4510 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
4570 /	DEF AT sample gap top	POS AT 4
4960 /	DEF AT sample gap bottom	DEF AT 4
5480 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
6930 /	DEF IN Miocene	DEF AT 4
7110 /	DEF AT Middle Miocene	POS AT 4
7140 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF IN 3
7560 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
7590 /	DEF IN Oligocene Anahuac Formation/Provincial Stage	DEF AT 4
7620 /	DEF AT Oligocene Frio Formation/Provincial Stage	DEF AT 4
7710 /	DEF AT Upper (Late) Eocene	DEF AT 4
7720 /	DEF IN Middle Eocene	DEF AT 4
7830 /	DEF AT sample gap top	POS AT 4
8120 /	DEF AT sample gap bottom	DEF AT 4
8420 /	DEF AT Lower (Early) Eocene	DEF AT 4
8480 /	DEF AT Upper (Late) Paleocene	DEF AT 4
8570 /	DEF AT Lower (Early) Paleocene	DEF AT 4
8630 /	DEF AT Lower Paleocene Danian Stage	DEF AT 4
8690 /	DEF AT sample gap top	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 16-JAN-2002	First Sample Examined: 3440
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: SHELL OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 3	Sample Range: 3290 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9719 /	DEF AT sample gap bottom	DEF AT 1
9720 /	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT 1
9721 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 1
10229 /	DEF IN Lower Cretaceous Albian Stage	DEF AT 1
10230 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 1
10800 /	POS IN Lower Cretaceous Walnut Formation	DEF AT 1
11480 /	POS AT Lower Cretaceous Mooringsport Formation	DEF AT 1
11870 /	POS AT Lower Cretaceous Paluxy Formation	DEF AT 1
12670 /	DEF IN Lower Cretaceous Mooringsport Formation	DEF AT 1
14480 /	DEF AT Lower Cretaceous Aptian Stage	DEF AT 1
14481 /	POS IN Lower Cretaceous Rodessa Formation	DEF AT 1
14689 /	DEF AT Lower Cretaceous Bexar Formation	DEF AT 2
14690 /	DEF IN Lower Cretaceous Aptian Stage	DEF AT 2
15500 /	POS AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 0
15660 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 1
17000 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 16-JAN-2002	First Sample Examined: 6990
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: SHELL OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 6990 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: The Lower Cretaceous carbonate sequence represents subtidal carbonate shelf deposition (relatively shallow water) with carbonate bank (reefal) development noted from 9720-10590 (Washita-Fredericksburg) and 11550-14520 and 15630-17000

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 /	DEF AT first sample examined	DEF AT 6
6991 /	DEF IN Bathysiphon fauna	DEF AT 6
7020 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 6
7079 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
7080 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
7200 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
7587 /	DEF AT foram flood	DEF AT 6
7588 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 6
7589 /	DEF AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT 6
7590 /	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 6
7650 /	DEF AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 6
7680 /	DEF AT limestone	DEF AT 6
7710 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 6
7767 /	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT 6
7768 /	DEF AT Middle Eocene (Bartonian) Morozovella lehneri	DEF AT 6
7769 /	DEF AT Middle Eocene (Bartonian) Truncorotaloides topilensis	DEF AT 6
7770 /	DEF AT Middle Eocene (Bartonian) Orbulinoides beckmanni	DEF AT 6
7800 /	DEF AT limestone	DEF AT 5
7890 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 5
8160 /	DEF IN Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT 5
8439 /	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 16-JAN-2002	First Sample Examined: 6990
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: SHELL OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 6990 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8440 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 5
8500 /	DEF AT Upper Paleocene (Thanetian) Planorotalites pusilla pusilla	DEF AT 5
8570 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT 5
8600 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT 5
8610 /	DEF AT Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT 5
8650 /	DEF AT Bathysiphon fauna	DEF AT 5
8690 /	DEF AT poor sample interval top	POS AT 5
8699 /	DEF AT poor sample interval bottom	DEF AT 5
8700 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 5
8790 /	DEF AT sample gap top	POS AT 5
9690 /	DEF AT sample gap bottom	DEF AT
9718 /	DEF AT limestone	DEF AT
9719 /	POS IN Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
9720 /	POS IN local marker ostracod (see remarks)	DEF AT
9959 /	DEF AT miliolid limestone	DEF AT 2
9960 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 2
10200 /	POS AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT 2
10290 /	POS AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT 2
11230 /	POS AT Lower Cretaceous Paluxy Formation	DEF AT 2
11549 /	DEF AT reefal material	DEF AT 2
11550 /	DEF IN Lower Cretaceous Trinity Group/Provincial Stage	DEF AT 2
11850 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT 2
11900 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
12150 /	DEF AT miliolid limestone	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 253	Date of Summary: 16-JAN-2002	First Sample Examined: 6990
Lease Number: G01654	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17000
API Well Number: 177244005400	Drilling Operator: SHELL OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 3 of 3	Sample Range: 6990 - 17000	Water Depth: 270
Public Info Code: Y 27-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12400 /	DEF AT sample gap top	POS AT 2
12900 /	DEF AT sample gap bottom	POS AT 2
12930 /	DEF AT miliolid limestone	POS AT 2
15630 /	DEF AT reefal material	POS AT 2
15720 /	DEF AT miliolid limestone	POS AT 2
16220 /	DEF AT miliolid limestone	POS AT 2
16853 /	DEF AT miliolid limestone	POS AT 2
16970 /	DEF AT local marker foram increase	DEF AT 2
16990 /	DEF AT miliolid limestone	POS AT 2
16991 /	DEF AT shell fragments	POS AT 2
17000 /	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 254	Date of Summary: 11-DEC-1968	First Sample Examined: 1680
Lease Number: G01655	Source of Paleo: OPERATOR	Borehole MD: 15506
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15506
API Well Number: 177240012200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 1 of 3	Sample Range: 1680 - 10360	Water Depth: 303
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1680 /	DEF AT first sample examined	DEF AT
3210 /	POS IN Pliocene	DEF AT
4460 /	POS IN Upper Pliocene Piacenzian Stage	DEF AT
5730 /	POS AT Upper (Late) Miocene	DEF AT
7000 /	POS AT Miocene	DEF AT
7480 /	POS IN Oligocene	DEF AT
7690 /	POS IN Eocene	DEF AT
8530 /	POS AT Upper (Late) Cretaceous	DEF AT
8620 /	POS AT Lower (Early) Cretaceous	DEF AT
10360 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 254	Date of Summary: 12-JUN-1971	First Sample Examined: 7670
Lease Number: G01655	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15506
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15506
API Well Number: 177240012200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 2 of 3	Sample Range: 7670 - 15480	Water Depth: 303
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7670 /	DEF AT first sample examined	DEF AT
7690 /	POS IN Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT
7709 /	DEF AT pyrite	DEF AT
7710 /	POS AT Upper Paleocene (Thanetian) Vaginulina longiforma	DEF AT
7730 /	DEF AT local marker foram increase	DEF AT
7850 /	DEF AT pyrite	DEF AT
8380 /	DEF IN Upper Paleocene (Selandian) Globorotalia inconstans	DEF AT
8550 /	DEF AT pyrite	DEF AT
8569 /	DEF AT limestone	DEF AT
8570 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
8780 /	POS IN Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
8810 /	POS AT miliolid limestone	DEF AT
8980 /	DEF AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT
9700 /	DEF AT miliolid limestone	DEF AT
11389 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
11390 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
11530 /	DEF AT pyrite	DEF AT
11970 /	DEF AT oolites	DEF AT
12580 /	DEF AT oolites	DEF AT
13460 /	POS AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
14500 /	DEF AT reefal material	DEF AT
14600 /	DEF AT pyrite	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 254	Date of Summary: 12-JUN-1971	First Sample Examined: 7670
Lease Number: G01655	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15506
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15506
API Well Number: 177240012200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 2 of 3	Sample Range: 7670 - 15480	Water Depth: 303
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15480 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 254	Date of Summary: 22-MAY-1974	First Sample Examined: 8000
Lease Number: G01655	Source of Paleo: OPERATOR	Borehole MD: 15506
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15506
API Well Number: 177240012200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 3 of 3	Sample Range: 8000 - 15480	Water Depth: 303
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF AT
8530 /	DEF IN Upper Cretaceous Navarro Group/Provincial Stage	DEF AT
8712 /	DEF AT Upper Cretaceous (Cenomanian) Lenticulina gaultina	DEF AT
9700 /	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
10371 /	DEF AT Lower Cretaceous (Albian) Coskinoloides texanus	DEF AT
11233 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
15480 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 254	Date of Summary: 09-DEC-1971	First Sample Examined: 16308
Lease Number: G01655	Source of Paleo: OPERATOR	Borehole MD: 16350
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16350
API Well Number: 177244003300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 16308 - 16358	Water Depth: 303
Public Info Code: Y 30-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Report based on sidewall cores

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16308 /	DEF AT first sample examined	DEF AT
16357 /	POS IN Lower Cretaceous Sligo (Pettet) Formation	DEF AT
16358 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 262	Date of Summary: 25-MAR-1973	First Sample Examined: 975
Lease Number: G02206	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10259
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10259
API Well Number: 177244005800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 975 - 10239	Water Depth: 274
Public Info Code: Y 30-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
975 / 975	DEF AT first sample examined	DEF AT 2
976 / 976	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1019 / 1019	DEF AT local marker benthic foram increase	DEF AT 4
1107 / 1107	DEF AT - - - - -	DEF AT 3
1194 / 1194	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	POS AT 3
1195 / 1195	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1239 / 1239	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
1327 / 1327	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1371 / 1371	DEF AT local marker foram decrease	DEF IN 2
1415 / 1415	DEF AT - - - - -	DEF AT 3
1591 / 1591	DEF AT - - - - -	DEF IN 2
1899 / 1899	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 2
2207 / 2207	DEF AT - - - - -	DEF AT 2
2955 / 2955	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3341 / 3341	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3670 / 3670	DEF AT cement	POS AT 2
3890 / 3890	DEF AT local marker benthic foram increase	DEF AT 2
3978 / 3978	POS AT local marker foram decrease	DEF AT 2
4286 / 4286	DEF AT local marker foram decrease	DEF AT 2
4418 / 4418	POS AT Cyclammia cancellata (local marker)	DEF AT 3
4462 / 4462	DEF AT pyrite	POS AT 3
4770 / 4770	DEF AT - - - - -	POS IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 262	Date of Summary: 25-MAR-1973	First Sample Examined: 975
Lease Number: G02206	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10259
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10259
API Well Number: 177244005800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 975 - 10239	Water Depth: 274
Public Info Code: Y 30-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4818 / 4818	DEF AT - - - - -	DEF IN 2
4882 / 4882	DEF AT local marker benthic foram increase	DEF IN 2
5116 / 5116	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5160 / 5160	POS AT local marker foram decrease	DEF IN 2
5424 / 5424	DEF AT - - - - -	DEF AT 2
5512 / 5512	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
5555 / 5555	DEF AT Arenaceous fauna (local marker)	DEF AT 3
5556 / 5556	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5557 / 5557	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
5996 / 5995	DEF AT Arenaceous fauna (local marker)	DEF AT 3
6743 / 6742	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6744 / 6743	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
6745 / 6744	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7008 / 7007	DEF AT gray shale	DEF AT 4
7270 / 7269	POS AT Bathysiphon fauna	DEF AT 4
7271 / 7270	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7272 / 7271	DEF IN local marker planktic foram increase	DEF AT 4
7300 / 7299	DEF AT local marker foram decrease	DEF AT 4
7476 / 7475	DEF AT - - - - -	POS AT 4
7539 / 7538	DEF AT cement	POS AT 4
7726 / 7725	DEF AT - - - - -	DEF AT 4
8126 / 8125	DEF AT Bathysiphon fauna	DEF AT 4
8192 / 8191	POS AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 4
8196 / 8195	DEF AT Arenaceous fauna (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 262	Date of Summary: 25-MAR-1973	First Sample Examined: 975
Lease Number: G02206	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10259
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10259
API Well Number: 177244005800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 975 - 10239	Water Depth: 274
Public Info Code: Y 30-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8324 / 8323	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 4
8500 / 8499	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
8560 / 8559	DEF AT brown shale	DEF AT 4
8665 / 8664	DEF AT pyrite	DEF AT 4
8731 / 8730	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
8764 / 8763	DEF AT pyrite	DEF AT 4
8858 / 8857	DEF AT sample gap top	POS AT 4
9499 / 9498	DEF AT sample gap bottom	DEF AT 4
9500 / 9499	DEF AT pyrite	DEF AT 4
9501 / 9500	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9593 / 9592	POS AT reworked material	DEF AT 4
9748 / 9747	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	POS AT 4
9936 / 9935	POS AT Upper Miocene (Tortonian) Cibicides carstensi	POS AT 4
9967 / 9966	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 5
10091 / 10090	DEF AT local marker planktic foram increase	DEF AT 4
10122 / 10121	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 4
10153 / 10152	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 4
10184 / 10183	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
10239 / 10238	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 263	Date of Summary: 20-OCT-1973	First Sample Examined: 1068
Lease Number: G02207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10496
API Well Number: 177244006700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1068 - 9486	Water Depth: 290
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1068 / 1068	DEF AT first sample examined	POS AT 2
1069 / 1069	DEF AT cement	POS AT 2
1289 / 1289	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1290 / 1290	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
1425 / 1425	DEF AT - - - - -	DEF IN 1
1875 / 1875	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
1965 / 1965	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2055 / 2055	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2100 / 2100	DEF AT - - - - -	DEF IN 2
2235 / 2235	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
2280 / 2280	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
2325 / 2325	DEF AT local marker foram decrease	DEF AT 3
2415 / 2415	DEF AT - - - - -	DEF IN 2
2505 / 2505	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2730 / 2730	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
2820 / 2820	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
2910 / 2910	DEF AT sample gap top	POS IN 2
3805 / 3804	DEF AT sample gap bottom	POS AT 2
3806 / 3805	DEF AT brown shale	POS AT 2
3850 / 3849	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4252 / 4250	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
4340 / 4338	DEF AT cement	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 263	Date of Summary: 20-OCT-1973	First Sample Examined: 1068
Lease Number: G02207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10496
API Well Number: 177244006700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1068 - 9486	Water Depth: 290
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4604 / 4602	DEF AT local marker benthic foram increase	POS AT 2
4648 / 4646	DEF AT pyrite	POS AT 2
5088 / 5086	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
5176 / 5174	DEF AT -----	DEF IN 2
5264 / 5262	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
5309 / 5307	DEF AT -----	DEF AT 3
5398 / 5396	DEF AT -----	DEF IN 2
5662 / 5660	DEF AT local marker benthic foram increase	DEF AT 3
5706 / 5704	DEF AT -----	DEF IN 2
5794 / 5792	POS AT Cyclammina cancellata (local marker)	DEF AT 3
5835 / 5833	DEF AT -----	DEF IN 2
5877 / 5875	DEF AT -----	DEF AT 2
5964 / 5962	DEF AT Arenaceous fauna (local marker)	DEF IN 2
6009 / 6007	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 2
6098 / 6096	DEF AT local marker benthic foram increase	DEF IN 2
6141 / 6139	DEF AT -----	DEF AT 2
6230 / 6228	DEF AT -----	DEF IN 2
6496 / 6494	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6540 / 6538	DEF AT -----	DEF IN 3
6584 / 6582	DEF AT local marker foram decrease	POS AT 2
6758 / 6755	DEF AT Eggerella sp. (local marker)	DEF IN 3
6845 / 6842	DEF AT -----	POS AT 3
7109 / 7106	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	POS AT 3
7285 / 7282	DEF AT Eggerella sp. (local marker)	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 263	Date of Summary: 20-OCT-1973	First Sample Examined: 1068
Lease Number: G02207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10496
API Well Number: 177244006700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1068 - 9486	Water Depth: 290
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7373 / 7370	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
7417 / 7414	DEF AT - - - - -	DEF AT 3
7635 / 7632	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7679 / 7676	DEF AT sample gap top	POS IN 3
8829 / 8826	DEF AT sample gap bottom	DEF AT 4
8830 / 8827	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8831 / 8828	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8874 / 8871	POS AT Bathysiphon fauna	DEF IN 3
8918 / 8915	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8960 / 8957	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
9004 / 9001	POS AT local marker foram decrease	DEF IN 3
9048 / 9044	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9092 / 9088	DEF AT - - - - -	DEF IN 3
9267 / 9263	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9268 / 9264	DEF AT local marker planktic foram increase	DEF AT 4
9312 / 9308	POS AT local marker foram decrease	DEF IN 3
9354 / 9350	DEF AT - - - - -	DEF AT 4
9398 / 9394	DEF AT - - - - -	DEF IN 3
9442 / 9438	DEF AT - - - - -	DEF AT 4
9486 / 9482	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 263	Date of Summary: 02-NOV-1973	First Sample Examined: 9486
Lease Number: G02207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10496
API Well Number: 177244006700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 9486 - 10500	Water Depth: 290
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
9486 / 9482	DEF AT first sample examined	DEF AT 4
9487 / 9483	DEF AT pyrite	DEF AT 4
9488 / 9484	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
9489 / 9485	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9538 / 9534	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9582 / 9578	DEF AT - - - - -	DEF IN 3
9670 / 9666	DEF AT - - - - -	DEF AT 4
9802 / 9798	DEF IN Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
9803 / 9799	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 4
9888 / 9884	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4
10155 / 10151	DEF AT - - - - -	DEF AT 3
10284 / 10280	DEF AT pyrite	DEF IN 3
10443 / 10439	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
10499 / 10495	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 3
10500 / 10496	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 02-MAY-1971	First Sample Examined: 450
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11940
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11940
API Well Number: 177240003100	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 450 - 11940	Water Depth: 229
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
450 /	DEF AT first sample examined	POS IN 2
672 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2267 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
2400 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
2711 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
2755 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
3108 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
3345 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4180 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5290 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
6099 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
6100 /	DEF AT local marker deep water fauna	DEF AT 4
6459 /	DEF AT Bathysiphon fauna	DEF AT 5
6460 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
6550 /	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
7600 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
7840 /	DEF AT local marker deep water fauna	DEF AT 6
8740 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
8770 /	DEF AT Bathysiphon fauna	DEF AT 5
9910 /	DEF AT - - - -	DEF AT 6
9970 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	POS AT 6
10240 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5

This report contains public paleo reports only for the time period stated

UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 02-MAY-1971	First Sample Examined: 450
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11940
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11940
API Well Number: 177240003100	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 450 - 11940	Water Depth: 229
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11060 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
11510 /	DEF AT - - - - -	DEF AT 6
11750 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
11940 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 20-JAN-1973	First Sample Examined: 2360
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14751
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14751
API Well Number: 177244005200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2360 - 14740	Water Depth: 223
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2360 /	DEF AT first sample examined	DEF AT 2
2361 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2390 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2540 /	DEF AT cement	POS AT 2
2660 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2810 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
2990 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3020 /	POS AT local marker foram decrease	DEF IN 2
3170 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3290 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
3350 /	DEF AT pyrite	DEF IN 2
3500 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
3560 /	DEF AT local marker benthic foram increase	DEF AT 3
3620 /	DEF AT local marker foram decrease	DEF AT 2
3740 /	POS AT local marker foram increase	DEF IN 2
3950 /	DEF AT pyrite	DEF IN 2
4040 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4070 /	DEF AT local marker foram decrease	DEF IN 2
4220 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4250 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
4310 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4370 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 20-JAN-1973	First Sample Examined: 2360
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14751
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14751
API Well Number: 177244005200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2360 - 14740	Water Depth: 223
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4460 /	POS AT local marker foram decrease	DEF IN 2
4490 /	DEF AT local marker foram increase	DEF AT 3
4760 /	DEF AT local marker benthic foram increase	DEF IN 2
4910 /	DEF AT pyrite	DEF IN 2
5000 /	DEF AT local marker benthic foram increase	DEF AT 2
5150 /	POS AT Cyclammina cancellata (local marker)	DEF IN 2
5210 /	DEF AT reworked material	DEF IN 2
5240 /	POS AT local marker foram decrease	DEF AT 2
5420 /	DEF AT local marker benthic foram increase	POS AT 3
5540 /	DEF AT faunal change (no faunal increase)	POS AT 2
5719 /	DEF AT reworked material	POS AT 4
5720 /	POS AT Cyclammina cancellata (local marker)	POS AT 4
5750 /	DEF AT local marker benthic foram increase	DEF AT 3
5780 /	DEF AT local marker foram decrease	POS AT 2
5870 /	POS AT Cyclammina cancellata (local marker)	DEF AT 3
6260 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
6290 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
6319 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
6320 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 6
6530 /	DEF AT faunal change (no faunal increase)	DEF AT 5
6620 /	DEF AT local marker foram decrease	POS AT 3
6740 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7010 /	DEF AT faunal change (no faunal increase)	POS AT 3
7070 /	DEF AT reworked material	POS AT 3

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 20-JAN-1973	First Sample Examined: 2360
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14751
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14751
API Well Number: 177244005200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2360 - 14740	Water Depth: 223
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7445 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
7520 /	DEF AT Bathysiphon fauna	DEF IN 3
7640 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8090 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8180 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8210 /	POS AT local marker foram decrease	DEF IN 3
8330 /	POS IN Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
8630 /	POS IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
8660 /	DEF AT faunal change (no faunal increase)	DEF IN 3
8690 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8720 /	POS AT local marker foram decrease	DEF IN 3
8780 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8990 /	DEF AT Bathysiphon fauna	DEF AT 4
9050 /	DEF AT faunal change (no faunal increase)	DEF IN 3
9110 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9170 /	DEF AT faunal change (no faunal increase)	DEF IN 3
9350 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9380 /	DEF AT local marker benthic foram increase	DEF IN 3
9440 /	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
9560 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9620 /	DEF AT foram flood	DEF AT 5
9680 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9710 /	DEF AT faunal change (no faunal increase)	DEF IN 3
9830 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 20-JAN-1973	First Sample Examined: 2360
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14751
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14751
API Well Number: 177244005200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2360 - 14740	Water Depth: 223
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9950 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10009 /	DEF AT reworked material	DEF AT 5
10010 /	DEF AT pyrite	DEF AT 5
10070 /	DEF AT local marker planktic foram increase	DEF AT 6
10100 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10130 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10220 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
10280 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10310 /	POS AT local marker foram decrease	DEF AT 5
10370 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
10520 /	POS AT local marker foram decrease	DEF AT 4
10610 /	DEF AT local marker foram increase	DEF AT 5
10640 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
10760 /	DEF AT local marker benthic foram increase	DEF AT 4
10850 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10880 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11030 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11120 /	DEF AT faunal change (no faunal increase)	DEF IN 3
11180 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11210 /	DEF AT Bathysiphon fauna	DEF AT 4
11237 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11270 /	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
11390 /	DEF AT local marker benthic foram increase	DEF AT 3
11780 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 20-JAN-1973	First Sample Examined: 2360
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14751
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14751
API Well Number: 177244005200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2360 - 14740	Water Depth: 223
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11810 /	DEF AT local marker foram increase	POS AT 3
12050 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 3
12080 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12170 /	DEF AT local marker foram increase	DEF IN 3
12200 /	POS AT local marker foram decrease	DEF AT 3
12260 /	DEF AT local marker foram increase	DEF AT 3
12800 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
12830 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 3
12890 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 3
13010 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
13069 /	DEF AT limestone	DEF AT 4
13070 /	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 4
13130 /	DEF AT limestone	DEF AT 3
13400 /	DEF AT gray shale	DEF AT 3
13429 /	DEF AT limestone	DEF AT 3
13430 /	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 3
13470 /	POS AT Middle Eocene (Bartonian) Globorotalia bullbrooki	DEF AT 3
13530 /	DEF IN Middle Eocene (Bartonian) Globorotalia bullbrooki	POS AT 3
13540 /	DEF AT limestone	POS AT 3
13570 /	DEF IN Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 3
13650 /	DEF AT reworked material	POS AT 3
13740 /	DEF AT local marker planktic foram increase	POS AT 3
13750 /	DEF AT local marker foram decrease	POS AT 3
13760 /	POS AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 264	Date of Summary: 20-JAN-1973	First Sample Examined: 2360
Lease Number: G01656	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14751
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14751
API Well Number: 177244005200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2360 - 14740	Water Depth: 223
Public Info Code: Y 24-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13770 /	DEF AT Upper Paleocene (Thanetian) Morozovella angulata	POS AT 3
13830 /	DEF AT Upper Paleocene (Thanetian) Planorotalites compressa	POS AT 3
13840 /	DEF AT Lower Paleocene (Danian) Globorotalia trinidadensis	POS AT 3
13890 /	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	POS AT 3
14070 /	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	POS AT 3
14180 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	POS AT 3
14250 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	POS AT 3
14300 /	POS AT Upper Cretaceous (Santonian) Marginotruncana renzi	POS AT 3
14370 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 3
14371 /	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT 3
14400 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 3
14410 /	DEF AT local marker planktic foram increase	DEF AT 3
14450 /	DEF AT black shale	DEF AT 3
14530 /	DEF IN Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT 3
14540 /	DEF AT reworked material	DEF AT 3
14600 /	DEF AT shell fragments	DEF AT 3
14730 /	POS AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT 3
14740 /	DEF AT last sample examined	DEF AT 3

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 266	Date of Summary: 18-JUL-1971	First Sample Examined: 906
Lease Number: G01658	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12035
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12035
API Well Number: 177242009900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 906 - 7310	Water Depth: 215
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
906 /	DEF AT first sample examined	POS IN 1
907 /	DEF AT cement	POS IN 1
950 /	DEF AT miliolid limestone	DEF IN 1
1039 /	DEF AT local marker benthic foram increase	POS AT 2
1171 /	DEF AT - - - - -	DEF IN 2
1258 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1303 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
1391 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
1520 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1608 /	DEF AT - - - - -	DEF IN 2
1696 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 2
1740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1825 /	DEF AT - - - - -	DEF AT 3
1913 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
1956 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
1957 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
2001 /	DEF AT local marker foram increase	DEF AT 4
2177 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2178 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2221 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
2396 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2397 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 266	Date of Summary: 18-JUL-1971	First Sample Examined: 906
Lease Number: G01658	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12035
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12035
API Well Number: 177242009900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 906 - 7310	Water Depth: 215
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2441 /	DEF AT local marker foram decrease	DEF AT 2
2485 /	DEF AT cement	DEF AT 2
2572 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2573 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
2704 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 2
2705 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 2
2797 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
2836 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 3
2837 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
2881 /	DEF AT local marker foram increase	DEF IN 3
3013 /	DEF AT pyrite	DEF AT 3
3233 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
3250 /	DEF AT cement	POS IN 3
3385 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
3430 /	DEF AT cement	DEF IN 2
3475 /	DEF AT pyrite	DEF IN 2
3520 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3565 /	DEF AT - - - -	DEF IN 2
3610 /	DEF AT local marker benthic foram increase	DEF AT 2
3789 /	DEF AT pyrite	DEF IN 2
3790 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
4285 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
4465 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
4555 /	DEF AT pyrite	DEF AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 266	Date of Summary: 18-JUL-1971	First Sample Examined: 906
Lease Number: G01658	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12035
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12035
API Well Number: 177242009900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 906 - 7310	Water Depth: 215
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4600 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
4645 /	DEF AT pyrite	DEF AT 3
4690 /	DEF AT - - - - -	DEF IN 2
4780 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 2
4870 /	DEF AT - - - - -	DEF AT 2
5185 /	DEF AT local marker benthic foram increase	DEF AT 2
5725 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
5770 /	DEF AT Eggerella 3 (local marker)	DEF IN 2
5825 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
5905 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6040 /	DEF AT Arenaceous fauna (local marker)	DEF IN 4
6085 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
6940 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
7175 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
7265 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
7310 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 266	Date of Summary: 17-AUG-1971	First Sample Examined: 5575
Lease Number: G01658	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12035
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12035
API Well Number: 177242009900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 5575 - 12030	Water Depth: 215
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5575 /	DEF AT first sample examined	POS AT 4
5576 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
6045 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
6135 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7215 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
7440 /	DEF AT local marker benthic foram increase	DEF AT 4
7980 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9015 /	DEF AT Bathysiphon fauna	DEF AT 5
9330 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9465 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9780 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 5
10050 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10590 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
10680 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
10815 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11490 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 270	Date of Summary: 14-NOV-1970	First Sample Examined: 862
Lease Number: G01659	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17067
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 17067
API Well Number: 177240003400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 862 - 17067	Water Depth: 220
Public Info Code: Y 30-DEC-1969	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
862 /	DEF AT first sample examined	POS AT 2
952 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1572 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1782 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1902 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
2322 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2323 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
2773 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4238 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5423 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
5857 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
6539 /	DEF AT Bathysiphon fauna	DEF AT 4
6989 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
7051 /	POS AT local marker deep water fauna	DEF AT 5
7175 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
7330 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
7578 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8121 /	DEF AT pyrite	DEF AT 5
8122 /	DEF AT local marker foram increase	DEF AT 5
8181 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 5
8336 /	DEF AT local marker foram decrease	DEF IN 5
8546 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 270	Date of Summary: 14-NOV-1970	First Sample Examined: 862
Lease Number: G01659	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17067
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 17067
API Well Number: 177240003400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 862 - 17067	Water Depth: 220
Public Info Code: Y 30-DEC-1969	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8825 /	DEF AT sample gap top	POS IN 5
9113 /	DEF AT sample gap bottom	DEF IN 4
9293 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
9816 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF IN 4
9847 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
11474 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
13149 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 5
14142 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 5
14235 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 5
14367 /	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 5
14536 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 5
14623 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 5
16374 /	DEF AT local marker planktic foram increase	DEF IN 5
16704 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 5
17067 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 277	Date of Summary: 29-MAR-1972	First Sample Examined: 3560
Lease Number: G01663	Source of Paleo: OPERATOR	Borehole MD: 6993
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6993
API Well Number: 177244004100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3560 - 6990	Water Depth: 240
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3560 /	DEF AT first sample examined	DEF AT
3561 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
4950 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
4951 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6180 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
6480 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
6570 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6990 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 277	Date of Summary: 14-SEP-1983	First Sample Examined: 0
Lease Number: G04919	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8755
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6514
API Well Number: 177244023500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2040 / 2038	POS AT Pliocene	DEF AT
6500 / 5249	POS AT Upper (Late) Miocene	DEF AT
7500 / 5816	DEF AT local marker deep water fauna	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 278	Date of Summary: 29-JAN-1972	First Sample Examined: 985
Lease Number: G01664	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8605
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8605
API Well Number: 177244002700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 985 - 8605	Water Depth: 240
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
985 /	DEF AT first sample examined	DEF AT 3
986 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1397 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1532 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1880 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1881 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
1925 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
2100 /	DEF AT pyrite	DEF AT 3
2145 /	DEF AT glauconite	DEF AT 3
2365 /	DEF AT pyrite	DEF AT 3
2544 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
2545 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2550 /	DEF AT cement	POS AT 4
2720 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
2947 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
2992 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
3030 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
3487 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
3892 /	DEF AT pyrite	DEF AT 4
4117 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
4882 /	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4
5270 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 278	Date of Summary: 29-JAN-1972	First Sample Examined: 985
Lease Number: G01664	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8605
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8605
API Well Number: 177244002700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 985 - 8605	Water Depth: 240
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5885 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
6245 /	DEF AT local marker foram decrease	DEF AT 5
6290 /	DEF AT Bathysiphon fauna	DEF AT 5
6425 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
6740 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
7145 /	DEF AT local marker foram decrease	DEF AT 5
8495 /	DEF IN Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
8540 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8605 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 280	Date of Summary: 02-AUG-1973	First Sample Examined: 11575
Lease Number: G02208	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14558
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14558
API Well Number: 177244005900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11575 - 14558	Water Depth: 293
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11575 / 11574	DEF AT first sample examined	POS AT 3
11576 / 11575	POS IN Upper Miocene (Tortonian) Globoquadrina dehiscens	POS AT 3
11699 / 11698	POS AT Upper Miocene (Tortonian) Robulus 15	POS AT 3
11868 / 11867	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
12182 / 12181	DEF AT local marker benthic foram increase	POS AT 3
12276 / 12275	DEF AT Arenaceous fauna (local marker)	POS AT 3
12307 / 12306	DEF AT local marker foram decrease	POS AT 3
12433 / 12432	DEF AT local marker benthic foram increase	POS AT 3
12464 / 12463	DEF AT local marker foram decrease	POS AT 3
13041 / 13040	DEF AT Eggerella 3 (local marker)	POS AT 3
13103 / 13102	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13227 / 13226	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
13228 / 13227	POS IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13381 / 13380	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
13414 / 13413	POS AT local marker foram decrease	DEF IN 3
13543 / 13542	POS AT local marker benthic foram increase	DEF AT 4
13694 / 13693	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
13786 / 13785	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 3
14008 / 14007	DEF AT pyrite	DEF IN 3
14009 / 14008	DEF AT Arenaceous fauna (local marker)	DEF IN 3
14040 / 14039	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
14218 / 14217	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 280	Date of Summary: 02-AUG-1973	First Sample Examined: 11575
Lease Number: G02208	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14558
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14558
API Well Number: 177244005900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11575 - 14558	Water Depth: 293
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
14219 / 14218	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
14248 / 14247	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
14249 / 14248	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14280 / 14279	POS AT local marker foram decrease	DEF IN 3
14311 / 14310	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 3
14342 / 14341	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF IN 4
14373 / 14372	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 4
14497 / 14496	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 4
14528 / 14527	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 4
14558 / 14557	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 286	Date of Summary: 30-NOV-1973	First Sample Examined: 1070
Lease Number: G02335	Source of Paleo: OPERATOR	Borehole MD: 7773
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7773
API Well Number: 177244007400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1070 - 7728	Water Depth: 393
Public Info Code: Y 31-JAN-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1070 /	DEF AT first sample examined	DEF AT
2361 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4140 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7728 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 13-MAR-1970	First Sample Examined: 5680
Lease Number: G01666	Source of Paleo: OPERATOR	Borehole MD: 8835
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 8835
API Well Number: 177242004400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5680 - 13290	Water Depth: 320
Public Info Code: Y 06-FEB-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5680 / 5680	DEF AT first sample examined	DEF AT
5681 / 5681	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8510 / 8510	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
10530 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13290 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 15-JUL-1969	First Sample Examined: 6430
Lease Number: G01666	Source of Paleo: OPERATOR	Borehole MD: 16547
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 16547
API Well Number: 177240011200	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 2100 - 16750	Water Depth: 320
Public Info Code: Y 29-NOV-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 / 6429	DEF AT first sample examined	DEF AT 3
7480 / 7479	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8200 / 8199	POS IN Upper Miocene (Tortonian) Catinaster mexicanus	DEF IN 3
8320 / 8319	DEF AT - - - -	DEF AT 4
8500 / 8499	DEF IN Upper Miocene (Tortonian) Minylitha convallis	DEF IN 3
9079 / 9078	POS AT unconformity	DEF AT 4
9080 / 9079	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 4
9170 / 9169	POS AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT 4
9260 / 9259	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
9440 / 9439	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9530 / 9529	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 4
10730 / 10728	DEF IN Upper Miocene (Tortonian) Discoaster kugleri	DEF AT 4
10760 / 10758	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10820 / 10818	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT 4
11030 / 11028	DEF AT Middle Miocene (Serravallian) Discoaster sanmiguelensis	DEF AT 4
12290 / 12286	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12470 / 12466	POS AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 4
12500 / 12495	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
12890 / 12884	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 4
12980 / 12974	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
13230 / 13223	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
13840 / 13831	POS IN Upper Oligocene Chattian Stage	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 15-JUL-1969	First Sample Examined: 6430
Lease Number: G01666	Source of Paleo: OPERATOR	Borehole MD: 16547
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 16547
API Well Number: 177240011200	Drilling Operator: SHELL DEEPWATER PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 2100 - 16750	Water Depth: 320
Public Info Code: Y 29-NOV-1978	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
13960 / 13950	DEF IN Upper Oligocene Chattian Stage	DEF AT 4
14040 / 14030	DEF AT Oligocene Frio Formation/Provincial Stage	DEF AT 4
14150 / 14139	POS AT Lower Oligocene Rupelian Stage	DEF AT 4
14319 / 14308	DEF AT Upper (Late) Eocene	DEF AT 4
14400 / 14388	DEF IN Upper (Late) Eocene	DEF AT 4
14510 / 14498	DEF IN Middle Eocene	DEF AT 4
15090 / 15076	DEF AT Lower (Early) Eocene	DEF AT 4
15280 / 15266	DEF AT Upper (Late) Paleocene	DEF AT 4
15540 / 15525	DEF AT Lower (Early) Paleocene	DEF AT 4
15631 / 15615	DEF AT Lower Paleocene Danian Stage	DEF AT 4
15710 / 15694	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT 4
15711 / 15695	DEF AT Upper Cretaceous Navarro Group/Provincial Stage	DEF AT 4
15878 / 15861	POS AT reworked material	DEF AT 4
16320 / 16302	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT 4
16410 / 16392	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT 4
16470 / 16452	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 4
16546 / 16528	DEF AT salt	DEF AT 4
16547 / 16529	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 05-MAR-1972	First Sample Examined: 2100
Lease Number: G01666	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16547
Well Name: B003	Paleo Done By: LEE LATTA	Borehole TVD: 16547
API Well Number: 177240011200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 2100 - 16510	Water Depth: 320
Public Info Code: Y 29-NOV-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2100 / 2100	DEF AT first sample examined	DEF AT 4
2101 / 2101	DEF IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
2159 / 2159	DEF AT glauconite	DEF AT 4
2160 / 2160	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
2640 / 2640	DEF AT glauconite	DEF AT 4
2730 / 2730	POS IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
2760 / 2760	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
3420 / 3420	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
3539 / 3539	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
3540 / 3540	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
3630 / 3630	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
3870 / 3870	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
4050 / 4050	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
4260 / 4260	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
5640 / 5640	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 4
5880 / 5880	DEF AT pyrite	DEF IN 4
6430 / 6429	DEF AT faunal change (no faunal increase)	DEF AT 5
6490 / 6489	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
6760 / 6759	DEF AT Bathysiphon fauna	DEF AT 5
6940 / 6939	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 5
8080 / 8079	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8350 / 8349	DEF AT local marker planktic foram increase	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 05-MAR-1972	First Sample Examined: 2100
Lease Number: G01666	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16547
Well Name: B003	Paleo Done By: LEE LATTA	Borehole TVD: 16547
API Well Number: 177240011200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 2100 - 16510	Water Depth: 320
Public Info Code: Y 29-NOV-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8470 / 8469	DEF AT local marker deep water fauna	DEF AT 6
9290 / 9289	DEF AT Bathysiphon fauna	DEF AT 6
10370 / 10368	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 6
10760 / 10758	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
11960 / 11957	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
12350 / 12346	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
12440 / 12436	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12950 / 12944	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
13200 / 13193	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
13590 / 13582	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 6
13620 / 13611	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
13680 / 13671	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 6
14010 / 14000	DEF AT local marker planktic foram increase	DEF AT 6
14069 / 14059	DEF AT foram flood	DEF AT 5
14070 / 14060	DEF AT Lower Oligocene (Rupelian) Cibicides pippeni	DEF AT 5
14250 / 14239	DEF AT local marker foram decrease	DEF IN 4
14430 / 14418	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF IN 4
14431 / 14419	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF IN 4
14460 / 14448	DEF AT Upper Eocene (Priabonian) Globigerinathea tropicalis / mexicana	DEF IN 4
14550 / 14538	DEF AT local marker foram decrease	DEF AT 4
14640 / 14627	DEF AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 4
14730 / 14717	POS AT local marker planktic foram increase	DEF IN 4
15180 / 15166	POS AT reworked material	POS IN 4
15420 / 15405	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 05-MAR-1972	First Sample Examined: 2100
Lease Number: G01666	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16547
Well Name: B003	Paleo Done By: LEE LATTA	Borehole TVD: 16547
API Well Number: 177240011200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 2100 - 16510	Water Depth: 320
Public Info Code: Y 29-NOV-1970	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
15480 / 15465	DEF AT Upper Paleocene (Thanetian) Pullenia coryelli	DEF AT 5
15520 / 15505	DEF AT Upper Paleocene (Selandian) Palmula delicatissima	DEF AT 5
15550 / 15535	DEF AT gray shale	DEF AT 5
15729 / 15712	DEF AT limestone	DEF AT 4
15730 / 15713	DEF AT Upper Cretaceous (Maastrichtian) Gansserina gansseri	DEF AT 4
16510 / 16492	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 19-JUN-1969	First Sample Examined: 6780
Lease Number: G01666	Source of Paleo: OPERATOR	Borehole MD: 12722
Well Name: B014	Paleo Done By: OPERATOR	Borehole TVD: 11897
API Well Number: 177242000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 6780 - 12720	Water Depth: 300
Public Info Code: Y 30-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 6458	DEF AT first sample examined	DEF AT
11090 / 10385	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12620 / 11802	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 289	Date of Summary: 15-NOV-1978	First Sample Examined: 2530
Lease Number: G02447	Source of Paleo: OPERATOR	Borehole MD: 5260
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 4524
API Well Number: 608164005400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 2530 - 5260	Water Depth: 480
Public Info Code: Y 09-FEB-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2530 / 2483	DEF AT first sample examined	DEF AT
2800 / 2704	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
3200 / 2998	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5260 / 4524	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 02-APR-1970	First Sample Examined: 3000
Lease Number: G01670	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8117
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8117
API Well Number: 177240006200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8126	Water Depth: 240
Public Info Code: Y 10-JUL-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF IN 2
3001 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4360 /	DEF AT sample gap top	POS AT 3
4447 /	DEF AT sample gap bottom	DEF AT 4
5506 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5907 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
7065 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
7242 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8081 /	POS AT Bathysiphon fauna	DEF AT 6
8126 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 26-MAY-1969	First Sample Examined: 3030
Lease Number: G01670	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9550
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 9550
API Well Number: 177240007300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 3030 - 9525	Water Depth: 240
Public Info Code: Y 14-AUG-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT
3031 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5151 /	DEF AT pyrite	DEF AT
7003 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 4
7976 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
8422 /	DEF AT local marker foram increase	DEF AT 5
9172 /	POS IN Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
9216 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
9525 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 27-JUL-1969	First Sample Examined: 4000
Lease Number: G01670	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12300
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 11462
API Well Number: 177240007301	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12300	Water Depth: 240
Public Info Code: Y 30-AUG-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3988	DEF AT first sample examined	DEF IN 3
4001 / 3989	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
4260 / 4236	DEF AT - - - - -	DEF AT 4
4436 / 4401	DEF AT - - - - -	DEF AT 3
4703 / 4644	DEF AT glauconite	DEF AT 3
6965 / 6444	DEF AT local marker benthic foram increase	DEF AT 4
8547 / 7761	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
8810 / 8008	POS AT Bathysiphon fauna	DEF AT 5
9383 / 8563	DEF AT local marker benthic foram increase	DEF AT 4
9559 / 8737	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10268 / 9442	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10533 / 9705	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 5
11196 / 10361	DEF AT pyrite	DEF IN 5
12300 / 11463	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 06-NOV-1969	First Sample Examined: 2649
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 6286
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6283
API Well Number: 177242002300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2649 - 6222	Water Depth: 247
Public Info Code: Y 14-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2649 / 2649	DEF AT first sample examined	DEF AT
2650 / 2650	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3118 / 3118	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3525 / 3525	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3685 / 3685	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3904 / 3904	DEF AT Cyclamina sp. (local marker)	DEF AT
5825 / 5824	DEF AT local marker (general)	DEF AT
5888 / 5887	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
6222 / 6219	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 19-NOV-1969	First Sample Examined: 3000
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 7680
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7102
API Well Number: 177242003500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7680	Water Depth: 247
Public Info Code: Y 13-DEC-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3222 / 3027	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3904 / 3614	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
4384 / 4032	DEF AT Cyclammina sp. (local marker)	DEF AT
5751 / 5251	DEF AT sample gap top	DEF AT
6173 / 5644	DEF AT sample gap bottom	DEF AT
6983 / 6417	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
6984 / 6418	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
7255 / 6681	DEF AT Arenaceous fauna (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 04-DEC-1969	First Sample Examined: 3500
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 7670
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7431
API Well Number: 177242004100	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7670	Water Depth: 247
Public Info Code: Y 01-JAN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4260 / 4082	DEF AT Cyclammina sp. (local marker)	DEF AT
6140 / 5898	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
6141 / 5899	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
7061 / 6817	DEF AT Arenaceous fauna (local marker)	DEF AT
7655 / 7411	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 02-JAN-1970	First Sample Examined: 3500
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 8084
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7867
API Well Number: 177242004500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3500 - 8107	Water Depth: 247
Public Info Code: Y 29-JAN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3374	DEF AT first sample examined	DEF AT
5930 / 5711	DEF AT local marker (general)	DEF AT
5931 / 5712	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
6955 / 6734	DEF AT local marker (general)	DEF AT
8107 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 20-JAN-1970	First Sample Examined: 3500
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 9714
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 8963
API Well Number: 177242004700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9714	Water Depth: 247
Public Info Code: Y 12-FEB-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3238	DEF AT first sample examined	DEF AT
3832 / 3493	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4830 / 4279	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7230 / 6480	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
7890 / 7127	DEF AT Bathysiphon fauna	DEF AT
8670 / 7898	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9714 / 8941	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 12-FEB-1970	First Sample Examined: 3500
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 7177
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7001
API Well Number: 177242005400	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7177	Water Depth: 247
Public Info Code: Y 03-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3431	DEF AT first sample examined	DEF AT
4609 / 4495	DEF AT Cyclammina sp. (local marker)	DEF AT
4610 / 4496	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5780 / 5620	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
5781 / 5621	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
6940 / 6762	DEF AT Arenaceous fauna (local marker)	DEF AT
7177 / 6998	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 07-APR-1970	First Sample Examined: 3450
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10692
API Well Number: 177242005600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3450 - 12000	Water Depth: 247
Public Info Code: Y 29-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3450 / 3249	DEF AT first sample examined	DEF AT
6990 / 5975	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
6991 / 5976	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
7860 / 6677	DEF AT Arenaceous fauna (local marker)	DEF AT
8730 / 7446	DEF AT Bathysiphon fauna	DEF AT
10350 / 9023	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10800 / 9472	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12000 / 10672	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 15-OCT-1970	First Sample Examined: 3600
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 10880
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 10141
API Well Number: 177242006000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3600 - 10370	Water Depth: 247
Public Info Code: Y 28-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3307	DEF AT first sample examined	DEF AT
4680 / 4192	DEF AT sample gap top	DEF AT
8629 / 7879	DEF AT sample gap bottom	DEF AT
8630 / 7880	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8810 / 8060	DEF AT Bathysiphon fauna	DEF AT
9770 / 9019	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10370 / 9619	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 13-JAN-1971	First Sample Examined: 3500
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 16609
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 15568
API Well Number: 177242012200	Drilling Operator: NOBLE ENERGY INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3500 - 16610	Water Depth: 247
Public Info Code: Y 01-FEB-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3352	DEF AT first sample examined	DEF AT
4370 / 4142	DEF AT Cyclammina sp. (local marker)	DEF AT
4950 / 4669	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6800 / 6393	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
6801 / 6394	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
7580 / 7126	DEF AT Arenaceous fauna (local marker)	DEF AT
8060 / 7578	DEF AT Bathysiphon fauna	DEF AT
9560 / 8997	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10130 / 9539	DEF AT deepwater facies Listerella fauna	DEF AT 6
12530 / 11811	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
12710 / 11978	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
13160 / 12397	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
14910 / 14005	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
15380 / 14441	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 6
16040 / 15049	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 6
16520 / 15493	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
16610 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 27-JAN-1972	First Sample Examined: 5000
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 8625
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 8491
API Well Number: 177244000200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8610	Water Depth: 247
Public Info Code: Y 03-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4869	DEF AT first sample examined	DEF AT
5001 / 4870	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT
6876 / 6738	DEF AT Arenaceous fauna (local marker)	DEF AT
7980 / 7842	DEF AT Bathysiphon fauna	DEF AT
8500 / 8362	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
8610 / 8471	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 25-NOV-1970	First Sample Examined: 2250
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 8977
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 8824
API Well Number: 177242011700	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2250 - 7080	Water Depth: 247
Public Info Code: Y 16-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2250 / 2221	DEF AT first sample examined	DEF AT
2850 / 2796	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4980 / 4845	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6841 / 6686	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
7080 / 6924	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 293	Date of Summary: 20-MAR-1974	First Sample Examined: 5060
Lease Number: G21712	Source of Paleo: OPERATOR	Borehole MD: 9055
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 8001
API Well Number: 177244007500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5060 - 9050	Water Depth: 247
Public Info Code: Y 28-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5060 / 4822	DEF AT first sample examined	DEF IN 3
6661 / 6019	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
7632 / 6810	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8330 / 7405	DEF AT Bathysiphon fauna	DEF AT 4
9050 / 8002	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 296	Date of Summary: 18-APR-1969	First Sample Examined: 0
Lease Number: G01673	Source of Paleo: OPERATOR	Borehole MD: 6048
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6048
API Well Number: 177240002100	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 23-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 296	Date of Summary: 16-JAN-1975	First Sample Examined: 504
Lease Number: G01673	Source of Paleo: OPERATOR	Borehole MD: 8514
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8514
API Well Number: 177240003700	Drilling Operator: CONOCO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 504 - 8515	Water Depth: 212
Public Info Code: Y 24-NOV-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
504 /	DEF AT first sample examined	DEF AT 3
1099 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2126 /	DEF AT glauconite	DEF AT 3
2127 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2521 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3510 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
5250 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
5850 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
7050 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
7740 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8110 /	DEF AT - - - -	DEF IN 4
8515 /	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 296	Date of Summary: 18-APR-1969	First Sample Examined: 0
Lease Number: G01673	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9000
API Well Number: 177240004900	Drilling Operator: CONOCO INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 212
Public Info Code: Y 20-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2358 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5710 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6520 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 296	Date of Summary: 30-JUN-1968	First Sample Examined: 498
Lease Number: G01673	Source of Paleo: OPERATOR	Borehole MD: 6585
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6585
API Well Number: 177240006500	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 498 - 6550	Water Depth: 212
Public Info Code: Y 26-JUN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
498 /	DEF AT first sample examined	DEF AT 3
1072 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2267 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2268 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2313 /	DEF AT glauconite	DEF AT 3
3340 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4930 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5200 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
6550 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 296	Date of Summary: 11-JUN-1969	First Sample Examined: 0
Lease Number: G01673	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6851
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6846
API Well Number: 177240013900	Drilling Operator: CONQUEST EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 10-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
570 / 570	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1000 / 1000	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2220 / 2220	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2267 / 2267	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
3410 / 3410	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5220 / 5218	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
5760 / 5757	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6300 / 6296	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
6793 / 6788	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 297	Date of Summary: 06-MAR-1979	First Sample Examined: 858
Lease Number: G01674	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11738
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11738
API Well Number: 177240005100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 858 - 11735	Water Depth: 224
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
858 /	DEF AT first sample examined	DEF AT 2
859 /	DEF IN reefal material	DEF AT 2
1112 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1167 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1478 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2098 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2466 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2467 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
2807 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3154 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
3502 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5052 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
5317 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
5406 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
6156 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
6644 /	DEF AT - - - -	DEF AT 4
6865 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
6909 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
7132 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7574 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
7662 /	DEF AT Bathysiphon fauna	DEF AT 4
8898 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4

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End Date: 31-DEC-1987

Area Block: MP 297	Date of Summary: 06-MAR-1979	First Sample Examined: 858
Lease Number: G01674	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11738
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11738
API Well Number: 177240005100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 858 - 11735	Water Depth: 224
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9772 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9860 /	DEF IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
10312 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
10399 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
10619 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
11149 /	DEF AT local marker deep water fauna	DEF AT 6
11735 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 298	Date of Summary: 10-DEC-1971	First Sample Examined: 700
Lease Number: G01315	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11000
API Well Number: 177240000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 700 - 11000	Water Depth: 210
Public Info Code: Y 05-NOV-1965	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
700 /	DEF AT first sample examined	DEF IN 3
701 /	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF IN 3
1450 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1840 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
2050 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
2259 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
2260 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
2290 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2319 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
2320 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
2590 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
3610 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6160 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6430 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF IN 3
6970 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
8230 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
8410 /	DEF AT Bathysiphon fauna	DEF IN 3
8530 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8560 /	DEF AT Bathysiphon fauna	DEF IN 3
8620 /	POS AT Upper Miocene (Tortonian) Cyclamina 3	DEF IN 3
9729 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
9730 /	POS AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 298	Date of Summary: 10-DEC-1971	First Sample Examined: 700
Lease Number: G01315	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11000
API Well Number: 177240000100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 700 - 11000	Water Depth: 210
Public Info Code: Y 05-NOV-1965	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
10016 /	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
10180 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10269 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10270 /	DEF AT Bathysiphon fauna	DEF AT 5
11000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 298	Date of Summary: 12-FEB-1969	First Sample Examined: 1000
Lease Number: G01315	Source of Paleo: OPERATOR	Borehole MD: 9851
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9851
API Well Number: 177240000600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 61
Paleo Report Num: 1 of 2	Sample Range: 1000 - 9860	Water Depth: 210
Public Info Code: Y 18-OCT-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT
2320 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3700 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6230 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9860 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 298	Date of Summary: 02-DEC-1971	First Sample Examined: 1000
Lease Number: G01315	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9851
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9851
API Well Number: 177240000600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 61
Paleo Report Num: 2 of 2	Sample Range: 1000 - 9850	Water Depth: 210
Public Info Code: Y 18-OCT-1966	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 3
1001 /	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1270 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1360 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1680 /	DEF AT pyrite	DEF AT 3
1740 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
2110 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
2320 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3070 /	DEF AT - - - - -	DEF AT 4
3400 /	DEF AT glauconite	DEF AT 4
3430 /	DEF AT pyrite	DEF AT 4
3700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4150 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5330 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6230 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6890 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
8270 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8959 /	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
8960 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
9020 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 5
9350 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9380 /	DEF AT Bathysiphon fauna	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 298	Date of Summary: 02-DEC-1971	First Sample Examined: 1000
Lease Number: G01315	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9851
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9851
API Well Number: 177240000600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 61
Paleo Report Num: 2 of 2	Sample Range: 1000 - 9850	Water Depth: 210
Public Info Code: Y 18-OCT-1966	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
9770 /	POS IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 6
9850 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 298	Date of Summary: 12-FEB-1969	First Sample Examined: 6100
Lease Number: G01315	Source of Paleo: OPERATOR	Borehole MD: 10164
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 8781
API Well Number: 177240012900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6100 - 10164	Water Depth: 210
Public Info Code: Y 14-JUN-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6100 / 5430	DEF AT first sample examined	DEF AT
6101 / 5431	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7120 / 6304	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10164 / 8811	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 299	Date of Summary: 16-JAN-1970	First Sample Examined: 4350
Lease Number: G01316	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7168
Well Name: D001	Paleo Done By: WING GEE	Borehole TVD: 7164
API Well Number: 177242001500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 4350 - 7260	Water Depth: 210
Public Info Code: Y 17-JUL-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4350 / 4350	DEF AT first sample examined	DEF AT 2
4351 / 4351	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4410 / 4410	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	POS AT 2
4440 / 4440	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 2
4620 / 4620	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
4740 / 4740	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4770 / 4770	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5040 / 5040	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5220 / 5220	DEF AT Eggerella sp. (local marker)	DEF IN 2
5310 / 5310	DEF AT Eggerella sp. (local marker)	DEF IN 2
5610 / 5609	DEF AT local marker benthic foram increase	DEF IN 2
5760 / 5759	DEF AT - - - -	DEF AT 2
6510 / 6508	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
6600 / 6598	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
6660 / 6658	DEF AT - - - -	DEF AT 3
7080 / 7076	DEF AT - - - -	DEF IN 2
7140 / 7136	POS AT local marker planktic foram increase	DEF IN 3
7170 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7230 /	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
7260 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 300	Date of Summary: 23-OCT-1967	First Sample Examined: 1000
Lease Number: G01317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: B001	Paleo Done By: WING GEE	Borehole TVD: 10000
API Well Number: 177240000500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10000	Water Depth: 200
Public Info Code: Y 30-DEC-1966	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1001 /	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1360 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1420 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1480 /	DEF AT - - - - -	DEF AT 2
1930 /	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
1960 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
2109 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
2110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2140 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2230 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2320 /	DEF AT local marker benthic foram increase	DEF IN 2
2350 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2410 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 2
2470 /	DEF AT local marker benthic foram increase	DEF AT 2
2770 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2860 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3130 /	DEF AT local marker benthic foram increase	DEF IN 2
3160 /	DEF AT local marker foram decrease	DEF AT 2
3220 /	DEF AT - - - - -	DEF AT 1
3340 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3520 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 300	Date of Summary: 23-OCT-1967	First Sample Examined: 1000
Lease Number: G01317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: B001	Paleo Done By: WING GEE	Borehole TVD: 10000
API Well Number: 177240000500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10000	Water Depth: 200
Public Info Code: Y 30-DEC-1966	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
3820 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
4150 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4980 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5670 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7290 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
7410 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
7470 /	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
7560 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7650 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
7710 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 3
7740 /	DEF AT local marker planktic foram increase	DEF AT 4
7770 /	DEF AT local marker foram decrease	DEF AT 3
7890 /	DEF AT local marker foram increase	DEF IN 3
7920 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
7980 /	POS AT local marker foram increase	DEF IN 4
8070 /	DEF AT local marker foram decrease	DEF AT 4
8160 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8250 /	DEF AT Arenaceous fauna (local marker)	DEF IN 4
8280 /	DEF AT local marker deep water fauna	DEF AT 5
8594 /	DEF AT cement	POS AT 5
8760 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8940 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9060 /	DEF AT local marker benthic foram increase	DEF IN 3
9180 /	DEF AT Bathysiphon fauna	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 300	Date of Summary: 23-OCT-1967	First Sample Examined: 1000
Lease Number: G01317	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: B001	Paleo Done By: WING GEE	Borehole TVD: 10000
API Well Number: 177240000500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10000	Water Depth: 200
Public Info Code: Y 30-DEC-1966	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9300 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9479 /	DEF AT Bathysiphon fauna	DEF AT 5
9480 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
9870 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
10000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 309	Date of Summary: 22-MAY-1973	First Sample Examined: 1000
Lease Number: G02211	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7293
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7293
API Well Number: 177244005700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7270	Water Depth: 255
Public Info Code: Y 08-NOV-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 4
1001 /	DEF AT cement	POS AT 4
1290 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1540 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
1810 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2170 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
2710 /	DEF AT pyrite	DEF AT 4
3070 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3310 /	DEF AT cement	POS AT 4
3340 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
3341 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4210 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
4240 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
4510 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
4960 /	DEF AT local marker benthic foram increase	DEF IN 3
5290 /	DEF AT - - - -	DEF AT 4
5320 /	DEF AT glauconite	DEF AT 4
6160 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
6190 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
7060 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
7240 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
7270 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 310	Date of Summary: 22-JAN-1979	First Sample Examined: 3360
Lease Number: G02212	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8250
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 8250
API Well Number: 177244007200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 3360 - 8250	Water Depth: 275
Public Info Code: Y 08-NOV-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3360 /	DEF AT first sample examined	DEF IN 4
4410 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4800 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6780 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
6960 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
7110 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
7320 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8250 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 311	Date of Summary: 19-MAY-1977	First Sample Examined: 3592
Lease Number: G02213	Source of Paleo: OPERATOR	Borehole MD: 7982
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7982
API Well Number: 177244010500	Drilling Operator: CONOCO INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 3592 - 8000	Water Depth: 250
Public Info Code: Y 26-MAY-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3592 / 3592	DEF AT first sample examined	DEF AT 2
4212 / 4212	DEF AT - - - - -	DEF AT 3
4252 / 4252	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
4372 / 4372	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
4532 / 4532	DEF AT - - - - -	DEF AT 2
5692 / 5692	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7452 / 7452	DEF AT - - - - -	DEF AT 3
7492 / 7492	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
7692 / 7692	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
7812 / 7812	DEF AT - - - - -	DEF AT 3
8000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 311	Date of Summary: 30-NOV-1977	First Sample Examined: 2520
Lease Number: G02213	Source of Paleo: OPERATOR	Borehole MD: 8319
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7759
API Well Number: 177244011800	Drilling Operator: CONOCO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2520 - 8319	Water Depth: 250
Public Info Code: Y 05-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2520 / 2520	DEF AT first sample examined	DEF AT 4
3360 / 3360	DEF AT - - - - -	DEF AT 2
3960 / 3957	DEF AT - - - - -	DEF AT 3
4140 / 4134	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4290 / 4280	DEF AT - - - - -	DEF AT 2
7020 / 6669	DEF AT - - - - -	DEF AT 4
7058 / 6699	DEF AT Cyclamina sp. (local marker)	DEF AT 4
7059 / 6700	DEF AT Eggerella sp. (local marker)	DEF AT 4
7060 / 6701	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
7200 / 6812	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
7380 / 6956	DEF AT - - - - -	DEF AT 3
8188 / 7647	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8319 / 7758	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 311	Date of Summary: 30-NOV-1977	First Sample Examined: 3063
Lease Number: G02213	Source of Paleo: OPERATOR	Borehole MD: 6819
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6819
API Well Number: 177244011900	Drilling Operator: CONOCO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3063 - 6819	Water Depth: 250
Public Info Code: Y 25-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3063 / 3063	DEF AT first sample examined	DEF AT 2
3064 / 3064	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
3580 / 3580	DEF AT - - - - -	DEF AT 3
3799 / 3799	POS IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
3800 / 3800	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3999 / 3999	DEF AT - - - - -	DEF AT 2
4259 / 4259	DEF AT sample gap top	POS AT 2
4387 / 4387	DEF AT sample gap bottom	DEF AT 2
5104 / 5104	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6083 / 6083	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6243 / 6243	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
6531 / 6531	DEF AT - - - - -	DEF AT 3
6819 / 6819	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MP 315	Date of Summary: 12-DEC-1971	First Sample Examined: 4428
Lease Number: G01904	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11227
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11227
API Well Number: 177242005300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4428 - 11227	Water Depth: 283
Public Info Code: Y 28-NOV-1969	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4428 /	DEF AT first sample examined	DEF AT 3
4429 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4999 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
6274 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
6494 /	DEF AT - - - - -	DEF AT 4
7110 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
7736 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
8044 /	POS IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
8220 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
8880 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
9056 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
9146 /	DEF AT Bathysiphon fauna	DEF AT 5
9667 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
10042 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
10043 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
10305 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11124 /	DEF AT Bathysiphon fauna	DEF AT 6
11227 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 726	Date of Summary: 20-JAN-1974	First Sample Examined: 1820
Lease Number: 00501	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12034
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12030
API Well Number: 427020000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 55
Paleo Report Num: 1 of 2	Sample Range: 1820 - 11970	Water Depth: 125
Public Info Code: Y 29-FEB-1960	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1820 / 1819	DEF AT first sample examined	DEF IN 1
1850 / 1849	DEF AT faunal change (no faunal increase)	POS AT 2
2000 / 1999	DEF AT local marker benthic foram increase	DEF AT 2
2150 / 2149	DEF AT sample gap top	POS AT 2
2300 / 2299	DEF AT sample gap bottom	DEF IN 1
3080 / 3079	DEF AT sample gap top	POS IN 1
3170 / 3169	DEF AT sample gap bottom	DEF IN 1
3200 / 3199	DEF AT faunal change (no faunal increase)	DEF AT 2
3320 / 3319	POS IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4130 / 4128	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
4580 / 4578	DEF AT pyrite	POS AT 2
5120 / 5118	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
5150 / 5148	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
5409 / 5407	POS IN Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 2
5410 / 5408	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
5440 / 5438	DEF AT local marker benthic foram increase	DEF AT 2
5610 / 5608	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
5800 / 5798	DEF AT poor sample interval top	DEF AT 3
6489 / 6487	DEF AT reworked material	DEF AT 2
6490 / 6488	POS IN Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 2
6590 / 6588	POS AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 2
6768 / 6766	DEF AT foram flood	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 726	Date of Summary: 20-JAN-1974	First Sample Examined: 1820
Lease Number: 00501	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12034
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12030
API Well Number: 427020000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 55
Paleo Report Num: 1 of 2	Sample Range: 1820 - 11970	Water Depth: 125
Public Info Code: Y 29-FEB-1960	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6769 / 6767	POS IN Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 3
6770 / 6768	POS AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
6890 / 6888	POS AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
7190 / 7188	DEF AT foram flood	DEF AT 3
7280 / 7277	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7340 / 7337	DEF AT local marker deep water fauna	DEF AT 3
7580 / 7577	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7610 / 7607	POS AT local marker benthic foram increase	DEF AT 3
8490 / 8487	POS AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
8670 / 8667	POS AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 3
8700 / 8697	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 3
11640 / 11634	DEF AT Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF IN 3
11939 / 11933	DEF AT poor sample interval bottom	DEF AT 4
11940 / 11934	DEF IN Lower Oligocene (Rupelian) Globigerina ampliapertura	DEF AT 4
11970 / 11964	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 736	Date of Summary: 27-JUN-1988	First Sample Examined: 450
Lease Number: G03074	Source of Paleo: OPERATOR	Borehole MD: 8250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8250
API Well Number: 427124002100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 450 - 8250	Water Depth: 165
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
450 / 450	DEF AT first sample examined	DEF AT 2
930 / 930	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1350 / 1350	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1710 / 1710	DEF AT - - - - -	DEF AT 1
2850 / 2850	DEF AT - - - - -	DEF AT 2
3930 / 3929	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4760 / 4759	DEF AT - - - - -	DEF AT 3
6020 / 6019	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6410 / 6408	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8250 / 8248	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 755	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G03304	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13030
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9825
API Well Number: 427024005700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 09-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6660 / 4923	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7680 / 5620	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8935 / 6510	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10670 / 7853	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11100 / 8197	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12000 / 8949	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 755	Date of Summary: 02-OCT-1981	First Sample Examined: 0
Lease Number: G03304	Source of Paleo: OPERATOR	Borehole MD: 12210
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8602
API Well Number: 427024006100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 108
Public Info Code: Y 09-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 5640	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9490 / 6561	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 757	Date of Summary: 27-DEC-1976	First Sample Examined: 200
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 9487
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9047
API Well Number: 427024002100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 200 - 9490	Water Depth: 135
Public Info Code: Y 18-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
200 / 200	DEF AT first sample examined	DEF AT 1
560 / 560	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
970 / 970	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
1210 / 1210	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1330 / 1330	DEF AT - - - - -	DEF AT 1
1690 / 1690	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
1810 / 1810	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2710 / 2710	DEF AT non-marine sediment	DEF IN 0
3130 / 3130	DEF AT - - - - -	DEF AT 1
3310 / 3310	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
3490 / 3490	DEF AT poor sample interval top	DEF AT 1
4450 / 4450	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
4570 / 4570	POS AT local marker foram increase	DEF AT 2
5050 / 5050	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5560 / 5560	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6070 / 6069	DEF AT local marker benthic foram increase	DEF AT 2
6340 / 6334	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
6700 / 6674	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6880 / 6841	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
7120 / 7063	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
7150 / 7090	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 2
7450 / 7350	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 757	Date of Summary: 27-DEC-1976	First Sample Examined: 200
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 9487
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9047
API Well Number: 427024002100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 200 - 9490	Water Depth: 135
Public Info Code: Y 18-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8050 / 7844	DEF AT local marker benthic foram increase	DEF AT 2
8290 / 8040	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8740 / 8416	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
8820 / 8483	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
9100 / 8721	DEF AT - - - - -	DEF AT 1
9460 / 9025	DEF AT - - - - -	DEF AT 2
9489 /	DEF AT poor sample interval bottom	DEF AT 2
9490 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 757	Date of Summary: 30-JUL-1976	First Sample Examined: 800
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 10584
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10186
API Well Number: 427024000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 800 - 10584	Water Depth: 136
Public Info Code: Y 24-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 / 800	DEF AT first sample examined	DEF IN 1
801 / 801	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF IN 1
980 / 980	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 1
1040 / 1040	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 1
1130 / 1130	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1340 / 1340	DEF AT - - - - -	DEF AT 1
1550 / 1550	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
1700 / 1700	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2120 / 2120	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
2480 / 2480	POS IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
3230 / 3230	DEF AT non-marine sediment	DEF AT 0
3231 / 3231	DEF AT - - - - -	DEF AT 1
3500 / 3500	DEF AT non-marine sediment	DEF AT 0
4040 / 4032	DEF AT non-marine sediment	DEF AT 0
4041 / 4033	DEF AT - - - - -	DEF AT 1
4100 / 4090	DEF AT pyrite	DEF AT 1
4190 / 4176	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4520 / 4487	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4640 / 4600	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5120 / 5051	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5780 / 5674	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6350 / 6213	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 757	Date of Summary: 30-JUL-1976	First Sample Examined: 800
Lease Number: G03019	Source of Paleo: OPERATOR	Borehole MD: 10584
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 10186
API Well Number: 427024000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 800 - 10584	Water Depth: 136
Public Info Code: Y 24-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 6496	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
6710 / 6552	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 2
6890 / 6721	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 2
7010 / 6833	DEF AT local marker foram increase	DEF IN 2
7550 / 7333	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 2
7940 / 7692	DEF AT sample gap top	POS AT 2
8300 / 8027	DEF AT sample gap bottom	DEF AT 2
8750 / 8447	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
9080 / 8757	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
9600 / 9249	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
9940 / 9575	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
10584 / 10186	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 758	Date of Summary: 20-NOV-1978	First Sample Examined: 930
Lease Number: G03020	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11400
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11400
API Well Number: 427024002200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 930 - 11400	Water Depth: 150
Public Info Code: Y 07-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
930 / 930	DEF AT first sample examined	POS AT 2
1260 / 1260	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
1290 / 1290	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1860 / 1860	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2160 / 2160	DEF AT pyrite	DEF AT 2
2220 / 2220	DEF AT local marker benthic foram increase	DEF AT 2
4170 / 4170	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4499 / 4499	DEF AT pyrite	DEF AT 2
4500 / 4500	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
4680 / 4679	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
4800 / 4799	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
4980 / 4979	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5100 / 5099	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5400 / 5399	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
5520 / 5519	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5550 / 5549	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
6210 / 6209	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7290 / 7289	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT 4
7559 / 7558	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
7560 / 7559	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7590 / 7588	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 4
8130 / 8128	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 758	Date of Summary: 20-NOV-1978	First Sample Examined: 930
Lease Number: G03020	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11400
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11400
API Well Number: 427024002200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 930 - 11400	Water Depth: 150
Public Info Code: Y 07-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8160 / 8158	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
8220 / 8218	DEF AT Eggerella sp. (local marker)	DEF AT 4
10810 / 10805	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10900 / 10895	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 3
11400 / 11395	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 760	Date of Summary: 14-MAY-1976	First Sample Examined: 4750
Lease Number: G03075	Source of Paleo: OPERATOR	Borehole MD: 9085
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8297
API Well Number: 427124001600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4750 - 9085	Water Depth: 175
Public Info Code: Y 27-MAR-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 / 4339	DEF AT first sample examined	DEF AT
4980 / 4541	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5625 / 5114	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6940 / 6308	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9085 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 760	Date of Summary: 20-APR-1977	First Sample Examined: 850
Lease Number: G03075	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9085
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 8297
API Well Number: 427124001600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 850 - 9085	Water Depth: 175
Public Info Code: Y 27-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 / 850	DEF AT first sample examined	DEF IN 2
1165 / 1165	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1575 / 1571	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2560 / 2480	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4980 / 4541	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5625 / 5114	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6660 / 6049	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
6940 / 6308	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7520 / 6846	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9085 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 763	Date of Summary: 28-NOV-1977	First Sample Examined: 360
Lease Number: G03022	Source of Paleo: OPERATOR	Borehole MD: 13804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12612
API Well Number: 427024002300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 360 - 13803	Water Depth: 144
Public Info Code: Y 20-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 / 360	DEF AT first sample examined	DEF AT 1
540 / 540	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
660 / 660	DEF AT - - - - -	DEF AT 2
720 / 720	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
780 / 780	DEF AT - - - - -	DEF AT 1
960 / 960	DEF AT cement	DEF AT 1
961 / 961	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
1080 / 1080	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1260 / 1260	DEF AT - - - - -	DEF AT 1
1320 / 1320	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1440 / 1440	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
1800 / 1800	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
1860 / 1860	DEF AT local marker benthic foram increase	DEF AT 1
2580 / 2580	DEF AT calcite	DEF AT 1
2700 / 2700	DEF AT non-marine sediment	DEF AT 0
2701 / 2701	DEF AT - - - - -	DEF AT 1
3180 / 3180	DEF AT sample gap top	POS AT 1
3510 / 3510	DEF AT sample gap bottom	DEF AT 1
3540 / 3540	DEF AT non-marine sediment	DEF AT 0
3840 / 3840	DEF AT non-marine sediment	DEF AT 0
3841 / 3841	DEF AT - - - - -	DEF AT 1
3900 / 3900	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 763	Date of Summary: 28-NOV-1977	First Sample Examined: 360
Lease Number: G03022	Source of Paleo: OPERATOR	Borehole MD: 13804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12612
API Well Number: 427024002300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 360 - 13803	Water Depth: 144
Public Info Code: Y 20-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
4050 / 4050	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
4170 / 4170	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 1
4260 / 4260	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4350 / 4350	DEF AT local marker benthic foram increase	DEF AT 2
4500 / 4500	DEF AT local marker foram increase	DEF AT 2
4800 / 4800	DEF AT calcite	DEF AT 2
5250 / 5250	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5730 / 5729	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6150 / 6147	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
6270 / 6266	DEF AT local marker benthic foram increase	DEF AT 2
6450 / 6444	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
6540 / 6533	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6990 / 6968	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
7410 / 7354	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
8550 / 8283	DEF AT local marker (general)	DEF AT 2
8700 / 8406	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8790 / 8481	DEF AT local marker (general)	DEF AT 2
8940 / 8608	DEF AT local marker (general)	DEF AT 2
8970 / 8633	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9120 / 8761	DEF AT local marker (general)	DEF AT 2
9150 / 8786	DEF AT local marker (general)	DEF AT 2
9690 / 9226	DEF AT local marker (general)	DEF AT 2
9900 / 9398	DEF AT local marker (general)	DEF AT 2
9930 / 9423	DEF AT local marker (general)	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 763	Date of Summary: 28-NOV-1977	First Sample Examined: 360
Lease Number: G03022	Source of Paleo: OPERATOR	Borehole MD: 13804
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12612
API Well Number: 427024002300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 360 - 13803	Water Depth: 144
Public Info Code: Y 20-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10410 / 9803	DEF AT local marker (general)	DEF AT 2
10530 / 9894	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
10770 / 10073	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10920 / 10186	DEF AT local marker (general)	DEF AT 3
11070 / 10301	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
11220 / 10419	DEF AT - - - - -	DEF AT 3
11460 / 10615	DEF AT local marker (general)	DEF AT 3
11550 / 10690	DEF AT local marker foram increase	DEF AT 3
11640 / 10765	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
12060 / 11119	DEF AT local marker (general)	DEF IN 3
12090 / 11144	DEF AT local marker (general)	DEF IN 3
12150 / 11195	POS AT local marker deep water fauna	DEF IN 3
12330 / 11347	DEF AT local marker foram increase	DEF IN 3
12510 / 11499	DEF AT local marker (general)	DEF IN 3
12780 / 11729	DEF AT local marker benthic foram increase	DEF IN 3
13080 / 11984	DEF AT local marker (general)	DEF AT 4
13170 / 12061	DEF AT local marker deep water fauna	DEF AT 4
13380 / 12240	DEF AT local marker foram increase	DEF AT 5
13410 / 12265	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 5
13530 / 12364	DEF AT - - - - -	DEF AT 4
13803 / 12583	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 765	Date of Summary: 20-MAR-1981	First Sample Examined: 0
Lease Number: G03724	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14768
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12888
API Well Number: 427024003900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 119
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5180 / 5116	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5480 / 5404	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6810 / 6665	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7310 / 7130	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9420 / 9037	POS AT Lower (Early) Miocene	DEF AT
11950 / 11175	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT
12650 / 11073	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
13820 / 12054	DEF AT local marker benthic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 780	Date of Summary: 31-MAY-1978	First Sample Examined: 390
Lease Number: G03025	Source of Paleo: OPERATOR	Borehole MD: 13484
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11522
API Well Number: 427024002600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 390 - 13485	Water Depth: 114
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
390 / 390	DEF AT first sample examined	DEF AT 1
630 / 630	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1230 / 1230	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1890 / 1890	DEF AT local marker benthic foram increase	DEF IN 0
2070 / 2070	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
2130 / 2130	DEF AT anhydrite	DEF AT 1
2131 / 2131	POS AT gypsum	DEF AT 1
3330 / 3330	DEF AT non-marine sediment	DEF AT 0
4290 / 4289	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 1
4350 / 4349	DEF AT - - - - -	DEF AT 2
4410 / 4408	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
4530 / 4527	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4590 / 4586	DEF AT local marker benthic foram increase	DEF AT 2
4830 / 4820	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5070 / 5048	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5310 / 5271	DEF AT reefal material	DEF AT 2
6030 / 5903	DEF AT local marker foram increase	DEF AT 2
6480 / 6279	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6840 / 6570	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
6870 / 6594	DEF AT - - - - -	DEF AT 1
7470 / 7080	DEF AT - - - - -	DEF AT 2
7530 / 7129	DEF AT - - - - -	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 780	Date of Summary: 31-MAY-1978	First Sample Examined: 390
Lease Number: G03025	Source of Paleo: OPERATOR	Borehole MD: 13484
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11522
API Well Number: 427024002600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 390 - 13485	Water Depth: 114
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7920 / 7438	DEF AT pyrite	DEF AT 1
7980 / 7484	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 2
8130 / 7599	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
8280 / 7715	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8340 / 7763	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 2
8570 / 7941	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
8820 / 8134	DEF AT local marker benthic foram increase	DEF AT 2
8970 / 8249	DEF AT local marker benthic foram increase	DEF AT 2
9030 / 8295	DEF AT - - - - -	POS AT 2
9270 / 8479	DEF AT - - - - -	DEF AT 1
9510 / 8665	DEF AT - - - - -	POS AT 2
10320 / 9230	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 2
10770 / 9569	DEF AT local marker benthic foram increase	DEF AT 3
10830 / 9616	DEF AT Bathysiphon fauna	DEF AT 3
10860 / 9639	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
10980 / 9730	DEF AT local marker benthic foram increase	DEF AT 2
11310 / 9979	DEF AT Arenaceous fauna (local marker)	DEF AT 2
11340 / 10002	DEF AT - - - - -	DEF AT 3
11520 / 10137	DEF AT local marker benthic foram increase	DEF AT 2
11940 / 10445	DEF AT reefal material	DEF AT 2
12030 / 10509	DEF AT sandstone	DEF AT 2
12270 / 10678	DEF AT - - - - -	DEF AT 3
12330 / 10720	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12390 / 10762	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 780	Date of Summary: 31-MAY-1978	First Sample Examined: 390
Lease Number: G03025	Source of Paleo: OPERATOR	Borehole MD: 13484
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11522
API Well Number: 427024002600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 390 - 13485	Water Depth: 114
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12510 / 10845	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12780 / 11032	DEF AT - - - - -	DEF AT 2
12960 / 11156	POS AT reworked material	DEF AT 2
13460 / 11506	DEF AT Arenaceous fauna (local marker)	DEF AT 2
13485 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 782	Date of Summary: 10-JUN-1988	First Sample Examined: 4325
Lease Number: G05994	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9798
API Well Number: 427024010000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4325 - 9800	Water Depth: 145
Public Info Code: Y 29-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4325 / 4324	DEF AT first sample examined	POS AT 2
4715 / 4714	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5135 / 5133	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5825 / 5823	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6845 / 6843	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6995 / 6993	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
9800 / 9798	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 783	Date of Summary: 22-JUL-1978	First Sample Examined: 0
Lease Number: G03028	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11488
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10257
API Well Number: 427024002700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 156
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10520 / 9461	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 787	Date of Summary: 20-FEB-1980	First Sample Examined: 4000
Lease Number: G03030	Source of Paleo: OPERATOR	Borehole MD: 12925
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12893
API Well Number: 427024004300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12910	Water Depth: 150
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF AT first sample examined	DEF AT 3
4001 / 4001	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4330 / 4330	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5170 / 5170	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
5530 / 5530	DEF AT sample gap top	POS AT 4
5619 / 5619	DEF AT sample gap bottom	DEF AT 4
5650 / 5650	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
6700 / 6700	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8050 / 8050	DEF AT faunal change (no faunal increase)	DEF AT 4
8110 / 8110	DEF AT faunal change (no faunal increase)	DEF AT 3
8830 / 8830	DEF AT faunal change (no faunal increase)	DEF AT 4
9520 / 9519	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
9880 / 9879	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
10510 / 10505	DEF AT faunal change (no faunal increase)	DEF AT 5
10870 / 10862	DEF AT local marker benthic foram increase	DEF AT 5
11410 / 11400	DEF AT faunal change (no faunal increase)	DEF AT 4
12910 / 12879	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 788	Date of Summary: 15-MAY-1977	First Sample Examined: 474
Lease Number: G03031	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10156
Well Name: 001	Paleo Done By: LOUISE DRAPER	Borehole TVD: 10155
API Well Number: 427024000400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 474 - 10140	Water Depth: 124
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
474 / 474	DEF AT first sample examined	DEF AT
1140 / 1140	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
1560 / 1560	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
2640 / 2640	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
3030 / 3030	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
4230 / 4230	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4260 / 4260	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
4800 / 4800	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
5040 / 5040	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
5760 / 5760	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7380 / 7380	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7470 / 7470	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
8130 / 8130	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
8190 / 8190	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
8400 / 8400	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
9870 / 9869	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT
10140 / 10139	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 791	Date of Summary: 17-SEP-1989	First Sample Examined: 1210
Lease Number: G04534	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13421
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13012
API Well Number: 427024007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1210 - 13390	Water Depth: 92
Public Info Code: Y 27-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1210 / 1210	DEF AT first sample examined	DEF AT 1
1211 / 1211	DEF AT cement	POS AT 1
1240 / 1240	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1450 / 1450	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 1
1540 / 1540	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
3580 / 3539	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
3880 / 3822	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4000 / 3935	DEF AT local marker foram decrease	DEF AT 2
5290 / 5157	DEF AT pyrite	DEF AT 2
6400 / 6213	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6520 / 6326	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
6910 / 6698	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
7000 / 6784	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 3
7120 / 6899	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
7240 / 7014	DEF IN Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
7660 / 7418	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
8170 / 7907	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 3
8740 / 8453	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
9370 / 9056	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
9520 / 9200	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
10840 / 10471	POS AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
11140 / 10767	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 791	Date of Summary: 17-SEP-1989	First Sample Examined: 1210
Lease Number: G04534	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13421
Well Name: A001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13012
API Well Number: 427024007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1210 - 13390	Water Depth: 92
Public Info Code: Y 27-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11350 / 10974	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
11500 / 11122	POS IN Upper Oligocene (Chattian) Camerina "A"	DEF AT 3
11920 / 11536	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF IN 3
12220 / 11833	DEF AT local marker foram decrease	DEF AT 3
12460 / 12069	DEF AT local marker benthic foram increase	DEF IN 3
13000 / 12600	DEF AT gray shale	DEF AT 4
13030 / 12630	DEF AT local marker planktic foram increase	DEF AT 4
13390 / 12981	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 792	Date of Summary: 15-MAR-1976	First Sample Examined: 3095
Lease Number: G03033	Source of Paleo: OPERATOR	Borehole MD: 7044
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7044
API Well Number: 427024000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 2	Sample Range: 2975 - 7081	Water Depth: 85
Public Info Code: Y 24-MAR-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2975 / 2975	DEF AT first sample examined	DEF AT
6242 / 6242	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
6618 / 6618	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT
7048 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
7081 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 792	Date of Summary: 20-MAY-1976	First Sample Examined: 2975
Lease Number: G03033	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7044
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 7044
API Well Number: 427024000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 2 of 2	Sample Range: 2975 - 7081	Water Depth: 85
Public Info Code: Y 24-MAR-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2975 / 2975	DEF AT first sample examined	DEF AT 2
3360 / 3360	DEF IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
3420 / 3420	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
3540 / 3540	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
3630 / 3630	POS AT local marker foram decrease	DEF AT 2
6242 / 6242	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
6618 / 6618	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
6783 / 6783	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 2
7047 /	POS AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 2
7048 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
7081 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 799	Date of Summary: 20-JAN-1980	First Sample Examined: 0
Lease Number: G03725	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11240
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11240
API Well Number: 427024003800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7400 / 7396	DEF AT Oligocene Anahuac Formation/Provincial Stage	DEF AT
9160 / 9154	DEF AT Oligocene Frio Formation/Provincial Stage	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 799	Date of Summary: 25-JAN-1983	First Sample Examined: 1200
Lease Number: G03725	Source of Paleo: OPERATOR	Borehole MD: 13612
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13590
API Well Number: 427024007900	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1200 - 13612	Water Depth: 85
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF IN 2
3390 / 3390	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
6330 / 6329	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
6780 / 6779	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
6870 / 6869	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
6930 / 6929	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 3
7260 / 7259	DEF AT local marker benthic foram increase	DEF AT 3
7470 / 7469	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 3
7740 / 7739	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 3
8310 / 8309	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
9150 / 9149	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
9420 / 9419	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
9630 / 9629	POS AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 3
11220 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT 3
11790 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 3
11940 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12450 /	DEF AT Upper Oligocene (Chattian) Marginulina texana	DEF AT 4
13020 /	POS AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 4
13612 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 803	Date of Summary: 09-APR-1976	First Sample Examined: 0
Lease Number: G03035	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10259
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10253
API Well Number: 427024001200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4420 / 4420	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4870 / 4870	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
4990 / 4990	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6160 / 6160	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7500 / 7500	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
7619 / 7619	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
9450 / 9444	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
9690 / 9684	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 805	Date of Summary: 05-AUG-1976	First Sample Examined: 0
Lease Number: G03036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9253
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9253
API Well Number: 427024001600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5750 / 5749	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 809	Date of Summary: 29-OCT-1976	First Sample Examined: 0
Lease Number: G03039	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10209
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10208
API Well Number: 427024001100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 22-SEP-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3100 / 3100	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4031 / 4031	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5110 / 5110	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8080 / 8080	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8980 / 8980	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 809	Date of Summary: 13-AUG-1980	First Sample Examined: 0
Lease Number: G03039	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15770
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15765
API Well Number: 427024002000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 22-SEP-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2890 / 2890	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4060 / 4059	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5470 / 5468	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6370 / 6368	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7540 / 7538	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
7900 / 7898	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8200 / 8198	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
15080 / 15074	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 811	Date of Summary: 18-FEB-1976	First Sample Examined: 1000
Lease Number: G03040	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 9998
API Well Number: 427024000200	Drilling Operator: OXY USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10000	Water Depth: 126
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT
1060 / 1060	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
1210 / 1210	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3460 / 3460	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4000 / 4000	DEF AT pyrite	DEF AT
4060 / 4060	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
4090 / 4090	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4360 / 4360	DEF AT local marker planktic foram increase	DEF AT
4510 / 4510	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
4570 / 4570	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
4720 / 4720	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT
4900 / 4900	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
5170 / 5170	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
5230 / 5230	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
5440 / 5440	POS AT local marker foram decrease	DEF AT
5830 / 5830	DEF AT pyrite	DEF AT
5860 / 5860	DEF AT local marker foram increase	DEF AT
5920 / 5920	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6010 / 6010	POS AT local marker foram decrease	DEF AT
6130 / 6130	DEF AT Lower Miocene (Burdigalian) Catapsydrax stainforthi	DEF AT
6490 / 6490	DEF AT local marker foram decrease	DEF AT
6520 / 6520	DEF AT local marker foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 811	Date of Summary: 18-FEB-1976	First Sample Examined: 1000
Lease Number: G03040	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 9998
API Well Number: 427024000200	Drilling Operator: OXY USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10000	Water Depth: 126
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6640 / 6640	DEF AT local marker foram decrease	DEF AT
7000 / 7000	DEF AT pyrite	DEF AT
7659 / 7659	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT
7660 / 7660	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8140 / 8140	DEF AT local marker foram decrease	DEF AT
8410 / 8410	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
8530 / 8530	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
8864 / 8864	DEF AT sample gap top	DEF AT
9009 / 9008	DEF AT sample gap bottom	DEF AT
9010 / 9009	POS IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
9310 / 9309	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT
9370 / 9369	DEF AT local marker planktic foram increase	DEF AT
9460 / 9459	POS AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT
9550 / 9549	DEF IN Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
10000 / 9998	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 811	Date of Summary: 20-SEP-1985	First Sample Examined: 0
Lease Number: G07167	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10763
API Well Number: 427024011900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 136
Public Info Code: Y 03-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3150 / 3150	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
3990 / 3990	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4840 / 4840	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
4930 / 4930	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
5350 / 5350	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
6250 / 6247	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7570 / 7565	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
8140 / 8135	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
9700 / 9690	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 831	Date of Summary: 23-MAR-1976	First Sample Examined: 550
Lease Number: G03043	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11048
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11045
API Well Number: 427024000300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 550 - 11020	Water Depth: 170
Public Info Code: Y 06-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
550 / 550	DEF AT first sample examined	POS AT 2
910 / 910	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1360 / 1360	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1570 / 1570	POS IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
1660 / 1660	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1810 / 1810	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
4120 / 4120	DEF AT pyrite	DEF AT 2
4299 / 4299	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	POS AT 2
4300 / 4300	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
4420 / 4420	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5500 / 5500	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
5530 / 5530	DEF AT sample gap top	POS AT 2
5709 / 5709	DEF AT sample gap bottom	DEF AT 3
5710 / 5710	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5980 / 5980	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6130 / 6130	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6580 / 6580	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
6700 / 6700	DEF AT local marker foram decrease	DEF AT 3
6730 / 6730	DEF AT local marker foram increase	DEF AT 3
6850 / 6850	POS AT deepwater facies Planulina	DEF IN 3
7210 / 7210	DEF AT local marker foram decrease	DEF AT 3
7240 / 7240	DEF AT local marker foram increase	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 831	Date of Summary: 23-MAR-1976	First Sample Examined: 550
Lease Number: G03043	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11048
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11045
API Well Number: 427024000300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 550 - 11020	Water Depth: 170
Public Info Code: Y 06-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
7390 / 7390	DEF AT sample gap top	POS AT 3
7559 / 7559	DEF AT sample gap bottom	DEF AT 3
7600 / 7600	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9340 / 9339	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
9760 / 9758	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
10000 / 9998	DEF AT local marker foram increase	DEF AT 4
10600 / 10597	DEF AT local marker benthic foram increase	DEF AT 4
11020 / 11017	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 850	Date of Summary: 28-NOV-1978	First Sample Examined: 0
Lease Number: G03047	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8490
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8489
API Well Number: 427024003400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 / 4550	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	POS AT 3
4640 / 4640	DEF AT - - - - -	DEF AT 3
4880 / 4880	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
5570 / 5570	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6020 / 6020	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6860 / 6859	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 858	Date of Summary: 25-MAR-1981	First Sample Examined: 3000
Lease Number: G03050	Source of Paleo: OPERATOR	Borehole MD: 16700
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16670
API Well Number: 427024005800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3000 - 16700	Water Depth: 85
Public Info Code: Y 22-JUN-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT 2
3001 / 3001	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3403 / 3403	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
3500 / 3500	DEF AT faunal change (no faunal increase)	DEF AT 2
6580 / 6580	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6730 / 6730	DEF AT faunal change (no faunal increase)	DEF AT 4
6880 / 6880	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
7060 / 7060	DEF AT faunal change (no faunal increase)	DEF AT 3
7480 / 7480	DEF AT sample gap top	POS AT 3
7636 / 7636	DEF AT sample gap bottom	DEF AT 4
7637 / 7637	POS IN Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
8079 / 8079	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 4
8658 / 8658	DEF AT local marker benthic foram increase	DEF AT 4
8810 / 8810	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 4
8900 / 8900	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
9110 / 9110	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 4
10710 / 10710	DEF AT sample gap top	POS AT 4
10770 / 10770	DEF AT sample gap bottom	DEF AT 4
10801 / 10801	DEF AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 4
13482 / 13479	DEF AT Upper Oligocene (Chattian) Cristellaria "H"	DEF AT 4
14726 / 14708	POS AT Upper Oligocene (Chattian) Marginulina texana	DEF AT 4
14938 / 14919	POS IN deepwater facies Hackberry	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 858	Date of Summary: 25-MAR-1981	First Sample Examined: 3000
Lease Number: G03050	Source of Paleo: OPERATOR	Borehole MD: 16700
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16670
API Well Number: 427024005800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3000 - 16700	Water Depth: 85
Public Info Code: Y 22-JUN-1981	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15440 / 15417	DEF AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 5
16700 / 16670	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 859	Date of Summary: 10-APR-1977	First Sample Examined: 3150
Lease Number: G03051	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14668
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 14668
API Well Number: 427024000800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 3150 - 14665	Water Depth: 80
Public Info Code: Y 31-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3150 / 3150	DEF AT first sample examined	DEF AT 1
3151 / 3151	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
3390 / 3390	DEF AT local marker foram decrease	DEF AT 1
3630 / 3630	DEF AT local marker benthic foram increase	DEF AT 1
3750 / 3750	DEF AT local marker foram decrease	DEF AT 1
3840 / 3840	DEF AT local marker benthic foram increase	DEF AT 1
6630 / 6630	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6660 / 6660	DEF AT local marker foram decrease	DEF AT 2
6720 / 6720	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
6779 / 6779	DEF AT pyrite	DEF AT 2
6780 / 6780	POS IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
6781 / 6781	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
7050 / 7050	DEF IN Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
7080 / 7080	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 2
7350 / 7350	DEF IN Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
7470 / 7470	POS AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 2
7800 / 7800	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 2
7949 / 7948	DEF AT local marker planktic foram increase	DEF IN 2
7950 / 7949	DEF IN Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 2
8190 / 8189	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 2
8250 / 8249	DEF AT local marker foram decrease	DEF AT 2
8340 / 8339	POS AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 859	Date of Summary: 10-APR-1977	First Sample Examined: 3150
Lease Number: G03051	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14668
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 14668
API Well Number: 427024000800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 3150 - 14665	Water Depth: 80
Public Info Code: Y 31-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 8429	DEF AT local marker planktic foram increase	DEF IN 2
8730 / 8729	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 2
8760 / 8759	DEF AT local marker benthic foram increase	DEF AT 2
8850 / 8849	POS AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 2
8880 / 8879	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 2
9030 / 9029	DEF AT local marker foram decrease	DEF AT 2
9150 / 9149	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 2
9330 / 9329	DEF AT local marker benthic foram increase	DEF AT 3
9480 / 9479	DEF AT local marker foram decrease	DEF AT 3
10080 / 10079	DEF AT local marker benthic foram increase	DEF AT 3
10319 / 10318	DEF AT local marker planktic foram increase	DEF AT 3
10320 / 10319	DEF AT local marker ostracod (see remarks)	DEF AT 3
10590 / 10589	DEF AT local marker benthic foram increase	DEF AT 3
10650 / 10649	DEF AT local marker planktic foram increase	DEF AT 3
10860 / 10859	DEF AT local marker foram decrease	DEF AT 3
11220 / 11219	DEF AT local marker benthic foram increase	DEF AT 3
12210 / 12209	DEF AT local marker foram decrease	DEF AT 3
12600 / 12599	DEF AT local marker benthic foram increase	DEF AT 3
12870 / 12869	POS AT Arenaceous fauna (local marker)	DEF AT 3
13680 / 13679	POS AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 3
14310 / 14309	DEF AT Upper Oligocene (Chattian) Marginulina texana	DEF AT 3
14610 / 14609	DEF AT local marker benthic foram increase	DEF AT 3
14665 / 14664	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 859	Date of Summary: 16-APR-1980	First Sample Examined: 1000
Lease Number: G03051	Source of Paleo: OPERATOR	Borehole MD: 14650
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14650
API Well Number: 427024004600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1000 - 14650	Water Depth: 77
Public Info Code: Y 31-JUL-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
3120 / 3120	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6630 / 6589	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6760 / 6719	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
7146 / 7105	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
7460 / 7419	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
7610 / 7569	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
8110 / 8068	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 4
8350 / 8308	DEF AT limestone	DEF AT 4
8880 / 8838	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 4
9000 / 8958	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
9120 / 9078	DEF AT local marker benthic foram increase	DEF AT 4
9540 / 9498	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 4
10620 / 10578	DEF AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 4
14312 / 14266	DEF AT sample gap top	POS AT 4
14421 / 14375	DEF AT sample gap bottom	DEF AT 4
14422 / 14376	DEF AT Cyclammina sp. (local marker)	DEF AT 4
14423 / 14377	POS IN Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 4
14650 / 14604	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 859	Date of Summary: 19-SEP-1980	First Sample Examined: 3796
Lease Number: G03051	Source of Paleo: OPERATOR	Borehole MD: 15538
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15492
API Well Number: 427024005500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3796 - 15532	Water Depth: 85
Public Info Code: Y 31-JUL-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3796 / 3796	DEF AT first sample examined	DEF AT 2
6668 / 6668	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
6918 / 6918	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
7124 / 7124	DEF AT faunal change (no faunal increase)	DEF AT 4
7442 / 7442	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
8043 / 8043	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 4
8136 / 8136	DEF AT limestone	DEF AT 4
8695 / 8695	DEF AT sample gap top	POS AT 4
9029 / 9029	DEF AT sample gap bottom	DEF AT 4
9030 / 9030	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
9180 / 9180	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 4
10660 / 10659	DEF AT Upper Oligocene (Chattian) Camerina "A"	DEF AT 4
13272 / 13264	DEF AT Cyclammina sp. (local marker)	DEF AT 4
13273 / 13265	DEF AT Upper Oligocene (Chattian) Globorotalia opima opima	DEF AT 4
14726 / 14698	DEF AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT 4
15532 / 15486	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 866	Date of Summary: 16-MAR-1979	First Sample Examined: 0
Lease Number: G03727	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12775
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12775
API Well Number: 427024003600	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3300 / 3300	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6690 / 6690	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
7530 / 7530	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
8820 / 8820	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT
9090 / 9090	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT
10590 / 10590	DEF IN Upper Oligocene (Chattian) Miogypsinoides "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 868	Date of Summary: 28-OCT-1988	First Sample Examined: 1070
Lease Number: G06013	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8156
Well Name: A001	Paleo Done By: GAY LARRE'	Borehole TVD: 8152
API Well Number: 427024008900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 3 of 4	Sample Range: 1070 - 7610	Water Depth: 120
Public Info Code: Y 13-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1070 / 1070	DEF AT first sample examined	DEF AT 2
1220 / 1220	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
1430 / 1430	DEF AT local marker foram decrease	DEF AT 1
2870 / 2870	POS AT local marker benthic foram increase	DEF AT 2
3140 / 3140	DEF AT faunal change (no faunal increase)	DEF AT 1
3320 / 3320	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
3500 / 3500	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
3890 / 3890	DEF AT faunal change (no faunal increase)	DEF AT 3
4010 / 4010	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
4430 / 4429	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
4579 / 4577	DEF AT pyrite	DEF AT 3
4580 / 4578	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
4910 / 4907	DEF AT faunal change (no faunal increase)	DEF AT 2
5030 / 5027	DEF AT pyrite	DEF AT 1
5480 / 5476	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
5600 / 5596	DEF AT pyrite	DEF AT 2
6500 / 6496	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
6620 / 6616	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
6740 / 6736	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
6950 / 6946	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
7070 / 7066	DEF AT local marker foram decrease	DEF AT 2
7490 / 7486	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 868	Date of Summary: 28-OCT-1988	First Sample Examined: 1070
Lease Number: G06013	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8156
Well Name: A001	Paleo Done By: GAY LARRE'	Borehole TVD: 8152
API Well Number: 427024008900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 3 of 4	Sample Range: 1070 - 7610	Water Depth: 120
Public Info Code: Y 13-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7610 / 7606	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU 868	Date of Summary: 28-OCT-1988	First Sample Examined: 6710
Lease Number: G06013	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8156
Well Name: A001	Paleo Done By: GAY LARRE'	Borehole TVD: 8152
API Well Number: 427024008900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 4 of 4	Sample Range: 6710 - 8156	Water Depth: 120
Public Info Code: Y 13-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 / 6706	DEF AT first sample examined	DEF AT 3
6950 / 6946	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
6980 / 6976	DEF AT local marker foram decrease	DEF AT 2
7459 / 7455	DEF AT foram flood	DEF AT 3
7460 / 7456	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
7500 / 7496	DEF AT cement	POS AT 3
7590 / 7586	DEF AT faunal change (no faunal increase)	DEF AT 4
7800 / 7796	DEF AT gray shale	DEF AT 3
7830 / 7826	DEF AT local marker benthic foram increase	DEF AT 3
7979 / 7975	DEF AT foram flood	DEF AT 4
7980 / 7976	DEF AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 4
8070 / 8066	DEF AT glauconite	DEF AT 4
8130 / 8126	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
8156 / 8152	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 1	Date of Summary: 20-JAN-1985	First Sample Examined: 4980
Lease Number: G06016	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16970
API Well Number: 427024009200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 4800 - 15245	Water Depth: 191
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4980 / 4980	DEF AT first sample examined	DEF AT 1
5010 / 5010	DEF AT -----	DEF AT 2
5130 / 5130	DEF AT -----	DEF AT 3
5790 / 5790	DEF AT -----	DEF AT 2
6390 / 6390	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
6510 / 6510	DEF AT -----	DEF AT 3
6840 / 6840	DEF AT -----	DEF AT 2
7620 / 7619	DEF AT -----	DEF AT 1
7680 / 7679	DEF AT -----	DEF AT 2
7860 / 7859	DEF AT -----	DEF AT 3
8160 / 8159	DEF AT -----	DEF AT 2
8610 / 8609	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8640 / 8639	DEF AT -----	DEF AT 3
8940 / 8939	DEF AT -----	DEF AT 2
9120 / 9119	DEF AT -----	DEF AT 3
10560 / 10559	DEF AT -----	DEF AT 4
10710 / 10709	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
10890 / 10889	DEF AT -----	DEF AT 3
11040 / 11039	DEF AT -----	DEF AT 4
11220 / 11219	DEF AT -----	DEF AT 3
12270 / 12265	DEF AT sample gap top	POS AT 3
12540 / 12534	DEF AT sample gap bottom	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 1	Date of Summary: 20-JAN-1985	First Sample Examined: 4980
Lease Number: G06016	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16970
API Well Number: 427024009200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 4800 - 15245	Water Depth: 191
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12570 / 12563	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13290 / 13281	DEF AT -----	DEF AT 4
13560 / 13550	DEF AT -----	DEF AT 3
15210 / 15193	DEF AT -----	DEF AT 2
15245 / 15228	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

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Area Block: MU A 1	Date of Summary: 20-JAN-1985	First Sample Examined: 15010
Lease Number: G06016	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16970
API Well Number: 427024009200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 11650 - 16990	Water Depth: 191
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15010 / 14994	DEF AT first sample examined	DEF AT 2
15250 / 15233	DEF AT -----	DEF AT 1
16330 / 16308	DEF AT -----	DEF AT 3
16390 / 16367	DEF AT -----	DEF AT 4
16720 / 16694	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
16996 / 16966	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 16	Date of Summary: 08-JUL-1976	First Sample Examined: 380
Lease Number: G03011	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10917
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10013
API Well Number: 427024000600	Drilling Operator: OXY USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 380 - 10917	Water Depth: 274
Public Info Code: Y 08-APR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
380 / 380	DEF AT first sample examined	DEF AT
740 / 740	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
830 / 830	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
1030 / 1030	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1179 / 1179	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1180 / 1180	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
1299 / 1299	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
1300 / 1300	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 2
1630 / 1630	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1990 / 1990	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2380 / 2380	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
2619 / 2619	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 2
2620 / 2620	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
2621 / 2621	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
2960 / 2960	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 2
3020 / 3020	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
3290 / 3290	DEF AT local marker planktic foram increase	DEF IN 2
3350 / 3350	DEF AT pyrite	DEF AT 2
3590 / 3590	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
3650 / 3650	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3800 / 3800	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 2
3830 / 3830	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 16	Date of Summary: 08-JUL-1976	First Sample Examined: 380
Lease Number: G03011	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10917
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10013
API Well Number: 427024000600	Drilling Operator: OXY USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 380 - 10917	Water Depth: 274
Public Info Code: Y 08-APR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
3920 / 3920	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3980 / 3980	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
4220 / 4220	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
4280 / 4280	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
4760 / 4750	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
5000 / 4977	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
5660 / 5560	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6290 / 6095	DEF AT pyrite	DEF AT 3
6380 / 6172	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
7370 / 7022	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
8600 / 8067	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
8810 / 8241	DEF AT Arenaceous fauna (local marker)	DEF AT 4
8840 / 8265	DEF AT Eggerella sp. (local marker)	DEF AT 4
9290 / 8640	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9500 / 8817	DEF AT faunal change (no faunal increase)	DEF AT 5
9590 / 8893	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 6
9860 / 9120	DEF AT - - - -	DEF AT 5
10917 / 10013	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 19	Date of Summary: 22-JUN-1987	First Sample Examined: 0
Lease Number: G06017	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13705
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13692
API Well Number: 427024014400	Drilling Operator: OXY USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 236
Public Info Code: Y 22-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10920 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 19	Date of Summary: 30-MAR-1989	First Sample Examined: 5150
Lease Number: G06017	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13705
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 13692
API Well Number: 427024014400	Drilling Operator: OXY USA INC	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 5150 - 5750	Water Depth: 236
Public Info Code: Y 22-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5150 /	DEF AT first sample examined	DEF IN 3
5151 /	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 3
5270 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 3
5329 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
5330 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
5360 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
5450 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF IN 3
5750 /	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 20	Date of Summary: 24-MAR-1981	First Sample Examined: 4920
Lease Number: G03012	Source of Paleo: OPERATOR	Borehole MD: 17356
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17303
API Well Number: 427024004900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4920 - 17372	Water Depth: 214
Public Info Code: Y 03-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4920 / 4920	DEF AT first sample examined	DEF AT
6400 / 6400	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7100 / 7100	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8770 / 8770	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9800 / 9800	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT
10490 / 10490	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12000 / 11999	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13524 / 13519	DEF AT sample gap top	DEF AT
15150 / 15133	DEF AT sample gap bottom	DEF AT
17372 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 21	Date of Summary: 11-JUL-1980	First Sample Examined: 4036
Lease Number: G03013	Source of Paleo: OPERATOR	Borehole MD: 12009
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12002
API Well Number: 427024005300	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 4036 - 12010	Water Depth: 210
Public Info Code: Y 15-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4036 / 4035	DEF AT first sample examined	DEF AT 3
4139 / 4138	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
4140 / 4139	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4230 / 4229	DEF AT faunal change (no faunal increase)	DEF AT 2
4890 / 4888	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5519 / 5517	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
5520 / 5518	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
5730 / 5727	DEF AT local marker foram increase	DEF AT 4
6240 / 6237	DEF AT local white Arenacous fauna	DEF AT 4
6810 / 6807	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
6930 / 6926	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
8040 / 8035	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
9760 / 9755	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
10420 / 10415	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
10960 / 10954	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
12010 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 21	Date of Summary: 20-MAR-1981	First Sample Examined: 0
Lease Number: G03013	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5067
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5067
API Well Number: 427024005600	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 15-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 / 2019	POS AT Miocene	DEF AT
4100 / 4093	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 32	Date of Summary: 01-MAR-1978	First Sample Examined: 5020
Lease Number: G03015	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10704
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10702
API Well Number: 427024002400	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 5020 - 10700	Water Depth: 193
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5020 / 5020	DEF AT first sample examined	DEF AT 3
5021 / 5021	POS IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
5710 / 5710	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
6070 / 6070	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
6370 / 6370	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6460 / 6460	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
6850 / 6850	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
7180 / 7180	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9220 / 9220	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
9940 / 9939	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
10120 / 10119	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
10300 / 10299	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 4
10700 / 10699	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 36	Date of Summary: 06-MAR-1985	First Sample Examined: 0
Lease Number: G06022	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6800
API Well Number: 427024010700	Drilling Operator: OXY USA INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 278
Public Info Code: Y 29-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 / 2350	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3160 / 3160	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3460 / 3460	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
3910 / 3910	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4270 / 4270	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
4680 / 4680	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5280 / 5280	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
6210 / 6210	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 51	Date of Summary: 07-JUL-1982	First Sample Examined: 7200
Lease Number: G03925	Source of Paleo: OPERATOR	Borehole MD: 16857
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16850
API Well Number: 427124005300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 116
Paleo Report Num: 1 of 2	Sample Range: 7200 - 14180	Water Depth: 207
Public Info Code: Y 01-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7200 / 7200	DEF AT first sample examined	DEF AT
7600 / 7600	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9240 / 9240	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
14179 / 14175	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14180 / 14176	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 51	Date of Summary: 07-JUL-1982	First Sample Examined: 13036
Lease Number: G03925	Source of Paleo: OPERATOR	Borehole MD: 16857
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16850
API Well Number: 427124005300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 116
Paleo Report Num: 2 of 2	Sample Range: 13036 - 16840	Water Depth: 207
Public Info Code: Y 01-JUL-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13036 / 13035	DEF AT first sample examined	DEF AT
13830 / 13826	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
16840 / 16833	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 53	Date of Summary: 07-MAR-1980	First Sample Examined: 0
Lease Number: G03927	Source of Paleo: OPERATOR	Borehole MD: 11285
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11285
API Well Number: 427124003900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
410 / 410	DEF AT first sample examined	DEF AT 2
530 / 530	DEF AT - - - - -	DEF AT 3
710 / 710	DEF AT sample gap top	POS AT 3
949 / 949	DEF AT sample gap bottom	DEF AT 2
950 / 950	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1070 / 1070	DEF AT - - - - -	DEF AT 3
1430 / 1430	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1850 / 1850	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
1970 / 1970	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2330 / 2330	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2450 / 2450	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2930 / 2930	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
3050 / 3050	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3410 / 3410	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3710 / 3710	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
3770 / 3770	DEF AT sample gap top	POS AT 3
3890 / 3890	DEF AT sample gap bottom	DEF AT 2
4010 / 4010	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
4130 / 4130	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4370 / 4370	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
4570 / 4570	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
4930 / 4930	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 53	Date of Summary: 07-MAR-1980	First Sample Examined: 0
Lease Number: G03927	Source of Paleo: OPERATOR	Borehole MD: 11285
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11285
API Well Number: 427124003900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 224
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5500	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
6070 / 6070	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
8110 / 8109	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
8440 / 8439	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9370 / 9369	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
10840 / 10839	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
11260 / 11259	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 54	Date of Summary: 18-MAY-1976	First Sample Examined: 1080
Lease Number: G03054	Source of Paleo: OPERATOR	Borehole MD: 10339
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10329
API Well Number: 427124000500	Drilling Operator: OXY USA INC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 1080 - 10270	Water Depth: 228
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1080 / 1080	DEF AT first sample examined	DEF AT 4
1081 / 1081	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
1290 / 1289	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
1380 / 1379	DEF AT faunal change (no faunal increase)	DEF AT 3
1589 / 1588	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1590 / 1589	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2009 / 2008	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2010 / 2009	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
2519 / 2518	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
2520 / 2519	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
2700 / 2699	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
3360 / 3359	DEF AT faunal change (no faunal increase)	DEF AT 3
3390 / 3389	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3899 / 3898	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3900 / 3899	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
4230 / 4229	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4470 / 4468	DEF AT local marker benthic foram increase	DEF AT 4
4800 / 4798	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
5280 / 5278	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
5429 / 5427	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
5430 / 5428	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
5550 / 5548	DEF AT cement	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 54	Date of Summary: 18-MAY-1976	First Sample Examined: 1080
Lease Number: G03054	Source of Paleo: OPERATOR	Borehole MD: 10339
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10329
API Well Number: 427124000500	Drilling Operator: OXY USA INC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 1080 - 10270	Water Depth: 228
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5910 / 5908	DEF AT faunal change (no faunal increase)	DEF AT 4
7080 / 7078	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
7900 / 7897	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
7990 / 7987	DEF AT faunal change (no faunal increase)	DEF AT 2
8800 / 8797	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9730 / 9727	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
10120 / 10114	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10270 / 10262	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 57	Date of Summary: 30-NOV-1976	First Sample Examined: 0
Lease Number: G03055	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5719
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5719
API Well Number: 427124001400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 210
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
1750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
2200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3280 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4150 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
4590 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
5010 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5280 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 58	Date of Summary: 19-SEP-1983	First Sample Examined: 0
Lease Number: G04988	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13626
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13626
API Well Number: 427124006600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1740 / 1739	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
1980 / 1979	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
2130 / 2129	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3000 / 2999	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4620 / 4619	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5040 / 5039	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6480 / 6479	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6750 / 6749	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7650 / 7648	DEF AT -----	DEF AT 4
8400 / 8398	DEF AT -----	DEF AT 5
10020 / 10017	DEF AT -----	DEF AT 6
11040 / 11037	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 6
11370 / 11366	DEF AT -----	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 62	Date of Summary: 23-AUG-1976	First Sample Examined: 1030
Lease Number: G03058	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8235
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8235
API Well Number: 427124000900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1030 - 8170	Water Depth: 238
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1030 /	DEF AT first sample examined	DEF AT 2
1031 /	DEF AT local marker planktic foram increase	DEF AT 2
1089 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1090 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1270 /	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
1660 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
1749 /	DEF AT pyrite	DEF IN 2
1750 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 2
2080 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
2350 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
2770 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
2950 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
3059 /	DEF AT pyrite	DEF AT 2
3060 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
3090 /	DEF AT local marker foram decrease	DEF AT 2
3660 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF IN 2
3780 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
3840 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF IN 2
4110 /	DEF AT local marker foram decrease	DEF AT 2
4200 /	DEF AT local marker foram increase	DEF AT 2
4290 /	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
4350 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 62	Date of Summary: 23-AUG-1976	First Sample Examined: 1030
Lease Number: G03058	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8235
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8235
API Well Number: 427124000900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1030 - 8170	Water Depth: 238
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
4710 /	POS AT foram flood	DEF AT 3
4800 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
4980 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5160 /	DEF AT local marker benthic foram increase	DEF IN 2
5280 /	DEF AT local marker foram decrease	DEF AT 2
5580 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
5730 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
5970 /	POS AT local marker foram decrease	DEF AT 2
6000 /	DEF AT local marker benthic foram increase	DEF IN 2
6420 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
6480 /	DEF AT local marker foram decrease	DEF IN 2
6720 /	DEF AT local marker benthic foram increase	DEF IN 2
6810 /	DEF AT local marker foram decrease	DEF AT 2
7320 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7740 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
7770 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
7890 /	DEF AT local marker foram decrease	DEF IN 2
7920 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8020 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 3
8080 /	DEF AT local marker planktic foram increase	DEF IN 3
8170 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 64	Date of Summary: 16-JUN-1978	First Sample Examined: 490
Lease Number: G03060	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11839
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11787
API Well Number: 427124000600	Drilling Operator: OXY USA INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 490 - 11839	Water Depth: 237
Public Info Code: Y 29-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
490 / 490	DEF AT first sample examined	DEF AT 3
491 / 491	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
850 / 850	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1450 / 1450	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1630 / 1630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1870 / 1870	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
1929 / 1929	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1930 / 1930	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2380 / 2380	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2680 / 2680	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
2920 / 2920	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3520 / 3520	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
3580 / 3580	DEF AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 3
3910 / 3910	DEF AT pyrite	DEF AT 3
4120 / 4120	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4300 / 4300	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5170 / 5170	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
5290 / 5290	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5320 / 5320	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
5440 / 5440	DEF AT pyrite	DEF AT 3
5920 / 5920	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
6010 / 6010	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 64	Date of Summary: 16-JUN-1978	First Sample Examined: 490
Lease Number: G03060	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11839
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11787
API Well Number: 427124000600	Drilling Operator: OXY USA INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 490 - 11839	Water Depth: 237
Public Info Code: Y 29-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 / 6190	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
7809 / 7809	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7810 / 7810	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8830 / 8830	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
9370 / 9369	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
11770 / 11724	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11839 / 11787	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 64	Date of Summary: 24-JUN-1980	First Sample Examined: 0
Lease Number: G03060	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12539
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12527
API Well Number: 427124004400	Drilling Operator: OXY USA INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 255
Public Info Code: Y 29-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4770 / 4770	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
8400 / 8398	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 85	Date of Summary: 16-MAY-1979	First Sample Examined: 9660
Lease Number: G03061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15066
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 15066
API Well Number: 427124003200	Drilling Operator: CONOCO INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 9660 - 15067	Water Depth: 276
Public Info Code: Y 22-JAN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9660 / 9658	DEF AT first sample examined	DEF AT 4
9661 / 9659	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
9840 / 9837	DEF AT local marker foram decrease	DEF AT 4
10140 / 10137	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10200 / 10197	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11100 / 11094	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
11610 / 11601	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
11700 / 11690	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
14250 / 14233	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
15000 / 14981	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
15067 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 85	Date of Summary: 09-FEB-1977	First Sample Examined: 4000
Lease Number: G03061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14505
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13364
API Well Number: 427124001500	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4000 - 14500	Water Depth: 260
Public Info Code: Y 08-OCT-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF AT 2
4001 / 4001	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4090 / 4090	DEF AT local marker foram decrease	DEF AT 2
4270 / 4270	DEF AT local marker benthic foram increase	DEF AT 2
4390 / 4390	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4480 / 4479	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
4600 / 4598	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
4690 / 4687	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4750 / 4746	DEF AT local marker planktic foram increase	DEF IN 3
4780 / 4776	DEF IN Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF IN 3
5080 / 5067	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
5320 / 5296	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 3
5800 / 5732	DEF AT local marker planktic foram increase	DEF IN 3
5890 / 5810	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
5919 / 5835	DEF AT local marker planktic foram increase	DEF AT 4
5920 / 5835	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
6310 / 6168	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
6670 / 6476	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
6790 / 6580	DEF AT local marker foram decrease	DEF AT 3
7150 / 6894	DEF AT local marker planktic foram increase	DEF IN 3
7720 / 7384	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 3
7780 / 7435	DEF AT local marker foram decrease	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 85	Date of Summary: 09-FEB-1977	First Sample Examined: 4000
Lease Number: G03061	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14505
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13364
API Well Number: 427124001500	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4000 - 14500	Water Depth: 260
Public Info Code: Y 08-OCT-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7870 / 7512	DEF AT local marker foram increase	DEF IN 3
7900 / 7538	DEF AT local marker foram decrease	DEF IN 3
7990 / 7615	DEF AT local marker foram increase	DEF IN 3
8260 / 7847	DEF AT local marker planktic foram increase	DEF IN 3
9070 / 8547	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9130 / 8598	DEF AT local marker foram decrease	DEF AT 3
9640 / 9027	DEF AT local marker planktic foram increase	DEF IN 3
9880 / 9233	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
10120 / 9439	DEF AT local marker foram decrease	DEF AT 3
10330 / 9619	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
10720 / 9955	DEF AT local marker foram decrease	DEF IN 3
11380 / 10521	DEF AT local marker planktic foram increase	DEF AT 4
11410 / 10547	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
11740 / 10836	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
12640 / 11630	DEF AT local marker foram decrease	DEF IN 3
13630 / 12537	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
14049 / 12933	DEF AT local marker planktic foram increase	DEF AT 4
14050 / 12934	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14500 / 13359	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 86	Date of Summary: 15-FEB-1977	First Sample Examined: 0
Lease Number: G03062	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 427124001300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 248
Public Info Code: Y 16-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1540 / 1540	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
1750 / 1750	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
2050 / 2050	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
2560 / 2560	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
3450 / 3450	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4500 / 4500	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5580 / 5580	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7060 / 7060	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7900 / 7900	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8830 / 8830	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 86	Date of Summary: 01-APR-1977	First Sample Examined: 0
Lease Number: G03062	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7208
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7208
API Well Number: 427124002000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 16-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2050 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3850 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4570 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5350 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6280 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 86	Date of Summary: 12-MAR-1985	First Sample Examined: 0
Lease Number: G03062	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12478
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12268
API Well Number: 427124002200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 16-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3190 / 3133	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
3790 / 3704	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4450 / 4325	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6160 / 5958	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6520 / 6318	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8110 / 7907	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9280 / 9077	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
12260 / 12052	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Area Block: MU A 86	Date of Summary: 12-MAR-1985	First Sample Examined: 0
Lease Number: G03062	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13781
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13363
API Well Number: 427124002500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 260
Public Info Code: Y 16-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3450 / 3351	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4260 / 4084	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
4920 / 4682	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5640 / 5337	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
6810 / 6471	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8970 / 8630	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13500 / 13083	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Area Block: MU A 86	Date of Summary: 21-MAY-1980	First Sample Examined: 4735
Lease Number: G03062	Source of Paleo: OPERATOR	Borehole MD: 11130
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11010
API Well Number: 427124004500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 4735 - 11102	Water Depth: 260
Public Info Code: Y 16-AUG-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4735 / 4711	DEF AT first sample examined	DEF AT 3
4736 / 4712	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5632 / 5595	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6200 / 6154	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
6486 / 6435	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
6667 / 6613	DEF AT - - - - -	DEF AT 3
8320 / 8233	DEF AT - - - - -	DEF AT 4
8710 / 8616	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9468 / 9365	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11102 / 10989	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 90	Date of Summary: 14-MAY-1976	First Sample Examined: 1050
Lease Number: G03065	Source of Paleo: OPERATOR	Borehole MD: 8745
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8736
API Well Number: 427124000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8745	Water Depth: 183
Public Info Code: Y 12-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 / 1050	DEF AT first sample examined	DEF AT
4310 / 4310	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4850 / 4850	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5540 / 5540	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
6260 / 6260	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8360 / 8359	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8745 / 8744	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 90	Date of Summary: 31-JUL-1981	First Sample Examined: 600
Lease Number: G03065	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13276
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13276
API Well Number: 427124004200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 600 - 13240	Water Depth: 195
Public Info Code: Y 12-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
600 / 600	DEF AT first sample examined	DEF AT 2
601 / 601	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
1020 / 1020	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1409 / 1409	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
1410 / 1410	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
1530 / 1530	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 2
1590 / 1590	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1740 / 1740	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
1770 / 1770	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 2
1890 / 1890	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF IN 2
1950 / 1950	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
2070 / 2070	DEF AT faunal change (no faunal increase)	DEF AT 2
2190 / 2190	DEF AT local marker foram decrease	DEF AT 2
2310 / 2310	DEF AT local marker benthic foram increase	DEF IN 2
2430 / 2430	DEF AT local marker foram decrease	DEF AT 2
2730 / 2730	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
2790 / 2790	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
2850 / 2850	DEF AT local marker foram decrease	DEF AT 2
2970 / 2970	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
3450 / 3450	DEF AT local marker foram decrease	DEF AT 2
4020 / 4020	POS AT local marker foram increase	DEF IN 2
4080 / 4080	DEF AT local marker foram decrease	DEF AT 2

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Area Block: MU A 90	Date of Summary: 31-JUL-1981	First Sample Examined: 600
Lease Number: G03065	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13276
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13276
API Well Number: 427124004200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 600 - 13240	Water Depth: 195
Public Info Code: Y 12-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
4380 / 4380	DEF AT local marker foram increase	DEF AT 3
4409 / 4409	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
4410 / 4410	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4500 / 4500	DEF AT local marker benthic foram increase	DEF AT 3
4560 / 4560	DEF AT foram flood	DEF IN 3
4860 / 4860	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
5010 / 5010	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
5550 / 5549	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
5640 / 5639	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
5910 / 5909	DEF AT local marker benthic foram increase	DEF IN 3
6150 / 6149	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 3
6180 / 6179	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 3
6210 / 6209	DEF AT local marker benthic foram increase	DEF IN 3
6389 / 6388	DEF AT local marker planktic foram increase	DEF IN 3
6390 / 6389	POS AT Middle Miocene (Langhian) Cibicides 38	DEF IN 3
7710 / 7709	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 3
7770 / 7769	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8820 / 8819	DEF AT local marker planktic foram increase	DEF AT 4
8970 / 8969	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9420 / 9419	DEF AT local marker benthic foram increase	DEF IN 4
9720 / 9719	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 5
9870 / 9869	POS AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 5
9930 / 9929	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
10020 / 10019	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 90	Date of Summary: 31-JUL-1981	First Sample Examined: 600
Lease Number: G03065	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13276
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 13276
API Well Number: 427124004200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 600 - 13240	Water Depth: 195
Public Info Code: Y 12-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10860 / 10859	DEF AT local marker foram decrease	DEF AT 5
11099 / 11098	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 5
11100 / 11099	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
11160 / 11159	DEF IN Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 5
11220 / 11219	DEF IN Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 5
12060 / 12059	DEF AT local marker foram decrease	DEF AT 5
12600 / 12598	DEF AT faunal change (no faunal increase)	POS AT 4
13240 / 13238	DEF AT last sample examined	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 90	Date of Summary: 30-MAY-1984	First Sample Examined: 0
Lease Number: G03065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16060
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13001
API Well Number: 427124006200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 12-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1994 / 1993	POS AT local marker (general)	DEF AT
2617 / 2615	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
3692 / 3684	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
5090 / 4888	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6898 / 6132	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8005 / 6907	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12385 / 9870	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 90	Date of Summary: 26-SEP-1984	First Sample Examined: 0
Lease Number: G03065	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16075
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 15501
API Well Number: 427124006900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 189
Public Info Code: Y 12-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5161 / 5068	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5992 / 5862	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10470 / 10132	DEF AT local marker benthic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 92	Date of Summary: 14-MAY-1976	First Sample Examined: 2905
Lease Number: G03066	Source of Paleo: OPERATOR	Borehole MD: 5250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5250
API Well Number: 427124000800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2905 - 5250	Water Depth: 210
Public Info Code: Y 31-MAR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2905 / 2905	DEF AT first sample examined	DEF AT
4440 / 4439	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4800 / 4799	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5250 / 5249	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 95	Date of Summary: 22-JAN-1976	First Sample Examined: 0
Lease Number: G03067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7171
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7171
API Well Number: 427124000700	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 276
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
1870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2130 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
4830 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 95	Date of Summary: 29-DEC-1975	First Sample Examined: 1030
Lease Number: G03067	Source of Paleo: OPERATOR	Borehole MD: 11650
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11650
API Well Number: 427124000300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 1030 - 11650	Water Depth: 275
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 /	DEF AT first sample examined	DEF IN 3
1031 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
1090 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
1630 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
1990 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
2560 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
2800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
3970 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
4660 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
5380 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
7390 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
7730 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
9460 /	DEF AT - - - -	DEF AT 4
9550 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
9850 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10180 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11650 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 95	Date of Summary: 21-NOV-1976	First Sample Examined: 1060
Lease Number: G03067	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11650
Well Name: 003	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11650
API Well Number: 427124000300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 1060 - 11650	Water Depth: 275
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 /	DEF AT first sample examined	DEF AT 1
1061 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
1090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1270 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 2
1570 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1629 /	DEF AT local marker benthic foram increase	DEF AT 2
1630 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1960 /	DEF AT local marker foram increase	DEF AT 2
2050 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
2140 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
2290 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
2350 /	DEF AT local marker foram decrease	DEF AT 2
2380 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2410 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 2
2470 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
2500 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
2710 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2770 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
3909 /	DEF AT pyrite	DEF AT 3
3910 /	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
4000 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4570 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 95	Date of Summary: 21-NOV-1976	First Sample Examined: 1060
Lease Number: G03067	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11650
Well Name: 003	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11650
API Well Number: 427124000300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 1060 - 11650	Water Depth: 275
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
4660 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
4720 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF IN 3
5020 /	DEF AT local marker planktic foram increase	DEF IN 3
5320 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
5470 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
5860 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
6070 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
7090 /	DEF AT local marker foram decrease	DEF IN 3
7120 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF IN 3
7330 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
7420 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
7940 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 3
8000 /	DEF AT local marker foram decrease	DEF AT 3
8330 /	DEF AT local marker benthic foram increase	DEF AT 3
9459 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9460 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
9549 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
9550 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
9670 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10180 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
10450 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
10930 /	DEF AT local marker planktic foram increase	DEF IN 4
11140 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 4
11650 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 117	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12019
API Well Number: 427124005800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4000 / 4000	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4930 / 4929	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
6690 / 6531	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
7500 / 7202	DEF AT - - - - -	DEF AT 4
7950 / 7582	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
8550 / 8083	DEF AT - - - - -	DEF AT 5
9090 / 8536	DEF AT - - - - -	DEF AT 6
9150 / 8586	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 6
10080 / 9374	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 6
10320 / 9572	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947
 End Date: 31-DEC-1987

Area Block: MU A 117	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04697	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12019
API Well Number: 427124005800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 218
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10380 / 9621	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10740 / 9904	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 124	Date of Summary: 14-JUN-1988	First Sample Examined: 1530
Lease Number: G04538	Source of Paleo: OPERATOR	Borehole MD: 8081
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8025
API Well Number: 427124005000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1530 - 8101	Water Depth: 374
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1530 / 1530	DEF AT first sample examined	DEF AT 3
1531 / 1531	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1771 / 1771	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2000 / 2000	DEF AT - - - - -	DEF AT 2
3600 / 3595	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3870 / 3859	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4000 / 3986	DEF AT - - - - -	DEF AT 1
4230 / 4210	DEF AT - - - - -	DEF AT 2
4410 / 4386	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
4500 / 4474	DEF AT - - - - -	DEF AT 3
4780 / 4747	DEF AT - - - - -	DEF AT 1
5490 / 5443	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
5800 / 5749	DEF AT - - - - -	DEF AT 2
6330 / 6277	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8101 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 139	Date of Summary: 05-MAY-1977	First Sample Examined: 537
Lease Number: G03070	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11979
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11628
API Well Number: 427124000200	Drilling Operator: OXY USA INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 537 - 11950	Water Depth: 307
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
537 / 537	DEF AT first sample examined	DEF AT 2
538 / 538	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
630 / 630	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
810 / 810	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
1200 / 1200	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
1260 / 1260	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
1410 / 1410	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1590 / 1590	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1620 / 1620	DEF AT local marker planktic foram increase	DEF AT 2
1740 / 1740	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
1830 / 1830	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
1950 / 1950	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
2280 / 2280	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
2430 / 2430	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2610 / 2610	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 2
2640 / 2640	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
3000 / 3000	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3460 / 3460	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 3
3880 / 3880	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
4180 / 4180	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4210 / 4210	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
4390 / 4390	DEF AT local marker foram decrease	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 139	Date of Summary: 05-MAY-1977	First Sample Examined: 537
Lease Number: G03070	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11979
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11628
API Well Number: 427124000200	Drilling Operator: OXY USA INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 537 - 11950	Water Depth: 307
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4720 / 4720	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
4960 / 4960	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6190 / 6142	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
6580 / 6512	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
6700 / 6626	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
7120 / 7023	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8110 / 7959	DEF AT local marker planktic foram increase	DEF IN 3
8350 / 8183	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 3
8740 / 8552	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9370 / 9159	DEF AT local marker benthic foram increase	DEF AT 3
9430 / 9217	DEF AT local marker planktic foram increase	DEF IN 3
10990 / 10687	DEF AT local marker foram decrease	DEF AT 3
11140 / 10829	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
11560 / 11232	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11950 / 11610	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 149	Date of Summary: 05-FEB-1979	First Sample Examined: 1060
Lease Number: G03728	Source of Paleo: OPERATOR	Borehole MD: 18066
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17023
API Well Number: 427124003300	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1060 - 18065	Water Depth: 310
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 / 1060	DEF AT first sample examined	DEF AT 3
1061 / 1061	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1360 / 1360	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1720 / 1720	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2080 / 2079	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2620 / 2597	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3910 / 3809	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4900 / 4717	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6370 / 6087	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8620 / 8172	DEF AT sample gap top	POS AT 3
8679 / 8227	DEF AT sample gap bottom	DEF AT 3
8680 / 8228	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9910 / 9367	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10180 / 9621	DEF AT - - - -	DEF AT 4
10870 / 10256	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
14890 / 13976	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
18010 / 16964	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
18065 / 17018	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 152	Date of Summary: 10-MAR-1983	First Sample Examined: 4090
Lease Number: G04991	Source of Paleo: OPERATOR	Borehole MD: 14641
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14315
API Well Number: 427124006100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4090 - 14650	Water Depth: 280
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 / 3992	DEF AT first sample examined	DEF AT 4
4149 / 4047	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
4150 / 4048	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
4449 / 4331	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
4450 / 4332	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
4570 / 4447	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
5319 / 5164	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
5320 / 5165	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
5530 / 5367	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
6730 / 6505	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 5
7780 / 7497	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
8320 / 8022	DEF AT Middle Miocene (Langhian) Globigerinoides sicani	DEF AT 5
9400 / 9096	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
9610 / 9306	DEF IN local marker deep water fauna	DEF AT 7
9699 / 9395	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 6
9700 / 9396	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 6
10900 / 10596	DEF IN local marker deep water fauna	DEF AT 7
14019 / 13712	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 6
14020 / 13713	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 7
14030 / 13723	DEF AT faunal change (no faunal increase)	DEF AT 6
14530 / 14217	DEF AT faunal change (no faunal increase)	DEF AT 5
14650 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 152	Date of Summary: 10-MAR-1983	First Sample Examined: 12200
Lease Number: G04991	Source of Paleo: OPERATOR	Borehole MD: 14641
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14315
API Well Number: 427124006100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 12200 - 14650	Water Depth: 280
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Report based on sidewall cores

MD / TVD	Paleo Top Description	Ecozone
12200 / 11895	DEF AT first sample examined	DEF AT 7
12201 / 11896	DEF AT local marker deep water fauna	DEF AT 7
12888 / 12583	DEF AT faunal change (no faunal increase)	DEF AT 6
13076 / 12771	DEF AT local marker foram decrease	POS AT 6
13078 / 12773	DEF AT local marker deep water fauna	DEF AT 6
13082 / 12777	DEF AT local marker foram decrease	POS AT 6
13132 / 12827	DEF AT local marker deep water fauna	DEF AT 6
13238 / 12933	DEF AT local marker foram decrease	POS AT 6
13360 / 13054	DEF AT local marker deep water fauna	DEF AT 6
13443 / 13137	DEF AT local marker foram decrease	POS AT 6
13452 / 13146	DEF AT local marker deep water fauna	DEF AT 6
13900 / 13593	DEF AT local marker foram decrease	POS AT 6
14049 / 13741	DEF AT local marker deep water fauna	DEF AT 6
14050 / 13742	DEF AT local marker foram decrease	POS AT 6
14054 / 13746	DEF AT local marker deep water fauna	DEF AT 6
14061 / 13753	DEF AT local marker foram decrease	POS AT 6
14064 / 13756	DEF AT local marker deep water fauna	DEF AT 6
14332 / 14022	DEF AT local marker foram decrease	POS AT 6
14650 /	DEF AT last sample examined	POS AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 153	Date of Summary: 20-JUN-1983	First Sample Examined: 1490
Lease Number: G04992	Source of Paleo: OPERATOR	Borehole MD: 13836
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13092
API Well Number: 427124006400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1490 - 13820	Water Depth: 324
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1490 / 1490	DEF AT first sample examined	DEF AT
1491 / 1491	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
1520 / 1520	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
1670 / 1670	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
1850 / 1850	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2630 / 2630	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3560 / 3560	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4970 / 4970	DEF AT Upper Miocene (Tortonian) Bigenerina 2	DEF AT
5030 / 5030	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7370 / 7369	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
7910 / 7908	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
8120 / 8118	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
8719 / 8715	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
8720 / 8716	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9380 / 9337	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
12110 / 11522	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13820 / 13078	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 175	Date of Summary: 14-JUN-1988	First Sample Examined: 1470
Lease Number: G03931	Source of Paleo: OPERATOR	Borehole MD: 12100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12093
API Well Number: 427124004600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1470 - 12100	Water Depth: 440
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1470 / 1470	DEF AT first sample examined	DEF AT 3
1471 / 1471	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1620 / 1620	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1900 / 1900	DEF AT - - - - -	DEF AT 4
1980 / 1980	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
2200 / 2200	DEF AT - - - - -	DEF AT 3
2250 / 2250	DEF AT - - - - -	DEF AT 2
2310 / 2310	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2790 / 2790	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
2800 / 2800	DEF AT - - - - -	DEF AT 3
3690 / 3690	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4020 / 4020	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4560 / 4560	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4860 / 4860	DEF AT - - - - -	DEF AT 2
5900 / 5900	DEF AT - - - - -	DEF AT 3
6000 / 6000	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6090 / 6090	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6150 / 6150	DEF AT - - - - -	DEF AT 4
6300 / 6300	DEF AT - - - - -	DEF AT 3
6500 / 6500	DEF AT - - - - -	DEF AT 2
6840 / 6840	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
7110 / 7110	DEF AT - - - - -	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: MU A 175	Date of Summary: 14-JUN-1988	First Sample Examined: 1470
Lease Number: G03931	Source of Paleo: OPERATOR	Borehole MD: 12100
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12093
API Well Number: 427124004600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1470 - 12100	Water Depth: 440
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7350 / 7350	DEF AT -----	DEF AT 4
7950 / 7950	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
8490 / 8490	DEF AT -----	DEF AT 5
8800 / 8800	DEF AT -----	DEF AT 4
8940 / 8939	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
10350 / 10347	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10780 / 10776	DEF AT -----	DEF AT 2
10900 / 10896	DEF AT -----	DEF AT 3
11200 / 11195	DEF AT -----	DEF AT 4
11340 / 11335	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
11900 / 11894	DEF AT -----	DEF AT 5
12030 / 12024	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
12100 / 12093	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 7	Date of Summary: 04-JUN-1975	First Sample Examined: 1260
Lease Number: G02527	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18443
API Well Number: 608354000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 4	Sample Range: 1260 - 18454	Water Depth: 126
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark: 13440=Sligo to Hosston transition, 15180=Knowles Limestone

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT Middle Eocene	DEF AT
3030 /	DEF IN Lower Eocene-Upper Paleocene Oldsmar Formation	DEF AT
5280 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT
5550 /	DEF AT Paleocene Cedar Keys Formation	DEF AT
6020 /	DEF AT Upper (Late) Cretaceous	DEF AT
7378 /	DEF IN Upper Cretaceous Atkinson Formation	DEF AT
7594 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
8330 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
8930 /	POS AT Lower Cretaceous Mooringsport Formation	DEF AT
11095 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11910 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
12520 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
13440 /	DEF AT local marker (general)	DEF AT
14400 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
15180 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
17710 /	POS AT granite wash	DEF AT
18064 /	DEF AT granite wash	DEF AT
18454 /	DEF IN granite wash	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 7	Date of Summary: 10-NOV-1975	First Sample Examined: 1260
Lease Number: G02527	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18454
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 18443
API Well Number: 608354000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 1260 - 18450	Water Depth: 126
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1260 /	DEF AT first sample examined	DEF AT
1500 /	DEF AT Middle Eocene	DEF AT
3090 /	POS AT Middle Eocene (Bartonian) Ceratobulimina eximia	DEF AT
5160 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT
5370 /	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT
5580 /	DEF AT Upper Paleocene (Thanetian) Subbotina pseudobulloides	DEF AT
5840 /	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
6170 /	POS IN Upper Cretaceous (Maastrichtian) Globotruncana ventricosa	DEF AT
6240 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT
6540 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana sinuosa	DEF AT
6720 /	DEF AT local marker foram decrease	DEF AT
7140 /	DEF AT pyrite	DEF AT
7290 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
7400 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
7850 /	DEF AT local marker ostracod (see remarks)	DEF AT
8500 /	DEF AT local marker ostracod (see remarks)	DEF AT
8830 /	DEF AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT
8890 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
9070 /	DEF AT anhydrite	DEF AT
10070 /	DEF AT miliolid limestone	DEF AT
12610 /	DEF IN Lower Cretaceous Trinity Group/Provincial Stage	DEF AT
12611 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 7	Date of Summary: 10-NOV-1975	First Sample Examined: 1260
Lease Number: G02527	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18454
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 18443
API Well Number: 608354000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 2 of 4	Sample Range: 1260 - 18450	Water Depth: 126
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13300 /	DEF AT dolomite	DEF AT
17710 /	DEF AT granite wash	DEF AT
17860 /	DEF AT granite wash	DEF AT
18070 /	DEF AT granite wash	DEF AT
18450 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 7	Date of Summary: 20-APR-1992	First Sample Examined: 7230
Lease Number: G02527	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18443
API Well Number: 608354000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 3 of 4	Sample Range: 7230 - 18450	Water Depth: 126
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
7230 /	DEF AT first sample examined	DEF AT
7231 /	POS AT Upper Cretaceous Coniacian Stage	DEF AT
7232 /	POS AT Upper Cretaceous Turonian Stage	DEF AT
7380 /	DEF AT Upper Cretaceous Cenomanian Stage	DEF AT
7470 /	DEF IN Upper Cretaceous Cenomanian Stage	DEF AT
8050 /	DEF AT Lower Cretaceous Albian Stage	DEF AT
9800 /	DEF IN Lower Cretaceous Albian Stage	DEF AT
12700 /	DEF AT Lower Cretaceous Barremian Stage	DEF AT
15210 /	DEF IN Lower Cretaceous Barremian Stage	DEF AT
15510 /	DEF AT Lower Cretaceous Valanginian Stage	DEF AT
18450 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 7	Date of Summary: 03-AUG-1992	First Sample Examined: 7230
Lease Number: G02527	Source of Paleo: OPERATOR	Borehole MD: 18454
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18443
API Well Number: 608354000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 4 of 4	Sample Range: 7230 - 18450	Water Depth: 126
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 004

Remark: Palynological report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7230 /	DEF AT first sample examined	DEF AT
18450 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 22-JAN-1976	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 1 of 7	Sample Range: 1240 - 14680	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT
1241 /	DEF AT dolomite	DEF AT
1570 /	DEF AT anhydrite	DEF AT
2740 /	DEF AT Middle Eocene Lisbon Formation	DEF AT
5530 /	DEF AT Upper Cretaceous Selma Chalk (or Group)	DEF AT
5680 /	DEF AT Upper (Late) Cretaceous	DEF AT
7330 /	DEF AT Upper Cretaceous Tuscaloosa Formation (or Group)	DEF AT
7690 /	DEF AT Lower (Early) Cretaceous	DEF AT
7820 /	DEF IN Lower (Early) Cretaceous	DEF AT
8560 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
9195 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
10395 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
10593 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
11075 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11640 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
11860 /	DEF IN Lower Cretaceous Lower Glen Rose Formation	DEF AT
12260 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
12710 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
14679 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
14680 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 27-DEC-1976	First Sample Examined: 0
Lease Number: G02523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17388
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 2 of 7	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5680 /	DEF AT Upper (Late) Cretaceous	DEF AT
7820 /	DEF AT Lower (Early) Cretaceous	DEF AT
7900 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
9129 /	DEF IN Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
10947 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
11037 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11860 /	DEF AT Lower Cretaceous Lower Glen Rose Formation	DEF AT
12150 /	DEF AT Lower Cretaceous Lower Glen Rose Formation	DEF AT
12285 /	DEF IN Lower Cretaceous Lower Glen Rose Formation	DEF AT
14670 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
15238 /	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
16100 /	DEF IN Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
16350 /	DEF AT basement rock	DEF AT
17088 /	DEF IN basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 08-JUN-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: OPERATOR	Borehole MD: 17388
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 3 of 7	Sample Range: 1240 - 17388	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT
1570 /	DEF AT Middle Eocene	DEF AT
2650 /	POS IN Middle Eocene	DEF AT
2800 /	DEF AT Lower (Early) Eocene	DEF AT
4390 /	POS AT Paleocene	DEF AT
5680 /	DEF IN Upper Cretaceous Maastrichtian Stage	DEF AT
6270 /	POS AT Upper Cretaceous Campanian Stage	DEF AT
6630 /	DEF AT Upper Cretaceous (Campanian) Stensioina exsculpta exsculpta	DEF AT
6810 /	POS AT Upper Cretaceous Santonian Stage	DEF AT
7170 /	DEF AT Upper Cretaceous Coniacian Stage	DEF AT
7380 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
7560 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
7660 /	POS AT Upper Cretaceous Cenomanian Stage	DEF AT
7820 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
8240 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
10948 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
10957 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
10959 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
12293 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
16340 /	DEF AT basement rock	DEF AT
16603 /	DEF IN Lower Cretaceous Berriasian Stage	DEF AT
16670 /	DEF AT basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 08-JUN-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: OPERATOR	Borehole MD: 17388
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 3 of 7	Sample Range: 1240 - 17388	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17388 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 08-JUN-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: OPERATOR	Borehole MD: 17388
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 4 of 7	Sample Range: 1240 - 16340	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 004

Remark: Hickory Prospect, calcareous nannofossil report, samples barren from 1240-3130, 4390=Toweius craticulus, 4480=rare Chiasmolithus cavus and rare Chiasmolithus californicus, 5780=common Braarudosphaera bigelowi, 65810=Tetralithus pyramidus, 7170=rare Marthasterites furcatus, 7460=Nannoconus sp, 12360=Nannoconus wassalli and Nannoconus bucheri, 12860=rare Nannoconus globulus, below 13960, abundant red sediments noted, last samples studied at 16340 is igneous diabase intrusive material (basement)

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 /	DEF AT first sample examined	DEF AT
3220 /	POS AT Middle Eocene (Lutetian) Discoaster lodoensis	DEF AT
4390 /	POS AT Paleocene	DEF AT
4480 /	POS AT Lower Eocene (Ypresian) Chiasmolithus californicus	DEF AT
5050 /	DEF AT Lower Paleocene (Danian) Markalius inversus astroporus	DEF AT
5780 /	DEF AT Upper Cretaceous (Maastrichtian) Watznaueria barnesae (FAD)	DEF AT
6270 /	POS IN Upper Cretaceous (Campanian) Reinhardites anthophorus "A"	DEF AT
6450 /	POS AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT
6630 /	DEF AT local marker floral increase	DEF AT
6810 /	DEF AT Upper Cretaceous (Santonian) Eprolithus floralis	DEF AT
7170 /	POS AT Upper Cretaceous (Campanian) Marthasterites furcatus	DEF AT
7460 /	POS IN Upper Cretaceous (Campanian) Marthasterites furcatus	DEF AT
7659 /	DEF AT floral flood	DEF AT
7660 /	POS IN Upper Cretaceous (Cenomanian) Coriollithon kennedyi	DEF AT
8860 /	POS AT Lower Cretaceous Albian Stage	DEF AT
9980 /	DEF AT local marker floral decrease	DEF AT
12060 /	POS AT local marker floral increase	DEF AT
12360 /	DEF AT Lower Cretaceous (Aptian) Nannoconid crisis	DEF AT
16338 /	DEF AT basement rock	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 08-JUN-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: OPERATOR	Borehole MD: 17388
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 4 of 7	Sample Range: 1240 - 16340	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16339 /	POS AT volcanics	DEF AT
16340 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 02-AUG-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: WILEY POAG	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 5 of 7	Sample Range: 1240 - 17367	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 006

Remark: Lithostratigraphic report done by C Wiley Poag (Woods Hole, MA) as part of Stratigraphic Evolution of the West-central Florida platform as determined from the Texaco 2523 no 1 Well

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT
1241 /	DEF IN local marker (general)	DEF AT
2860 /	DEF AT Lower Eocene-Upper Paleocene Oldsmar Formation	DEF AT
4330 /	DEF AT Upper (Late) Paleocene	DEF AT
5740 /	DEF AT Upper Cretaceous Maastrichtian Stage	DEF AT
6630 /	DEF AT Upper Cretaceous Atkinson Formation	DEF AT
7700 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
8840 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
9240 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
10240 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
10440 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
11140 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11540 /	DEF AT Lower Cretaceous Rodessa Formation	DEF AT
12200 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT
12640 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
14040 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
16440 /	DEF AT basement rock	DEF AT
17367 /	DEF AT last sample examined	DEF AT

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 02-AUG-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: WILEY POAG	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 6 of 7	Sample Range: 1240 - 16440	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 007

Remark: Biostratigraphic report (forams and ostracods)

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT
1930 /	POS AT local marker foram increase	DEF AT
2050 /	DEF AT local marker foram increase	DEF AT
2710 /	POS IN Middle Eocene (Lutetian) Discocyclina advena	DEF AT
2860 /	POS IN Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
4540 /	DEF AT local marker planktic foram increase	DEF AT
4840 /	DEF AT local marker foram decrease	DEF AT
5050 /	POS AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
5140 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
5350 /	DEF IN Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
5540 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
5720 /	DEF AT local marker foram increase	DEF AT
5721 /	DEF IN Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
5740 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
6000 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana sinuosa	DEF AT
6630 /	DEF AT limestone	DEF AT
7240 /	POS AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
7540 /	DEF AT local marker planktic foram increase	DEF AT
7640 /	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT
7660 /	DEF IN Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT
7700 /	DEF AT local marker foram decrease	DEF AT
7840 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 02-AUG-1992	First Sample Examined: 1240
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: WILEY POAG	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 6 of 7	Sample Range: 1240 - 16440	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 007

MD / TVD	Paleo Top Description	Ecozone
8440 /	DEF AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT
8540 /	DEF AT local marker ostracod (see remarks)	DEF AT
9940 /	DEF AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT
10340 /	DEF AT local marker ostracod (see remarks)	DEF AT
10640 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
11040 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
11340 /	POS IN Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
12179 /	DEF AT miliolid limestone	DEF AT
12180 /	POS IN Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
12200 /	DEF AT local marker foram decrease	DEF AT
12420 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
12440 /	DEF AT miliolid limestone	DEF AT
13140 /	DEF AT local marker ostracod (see remarks)	DEF AT
13340 /	DEF AT local marker ostracod (see remarks)	DEF AT
13440 /	POS AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT
13540 /	DEF AT Arenaceous fauna (local marker)	DEF AT
13630 /	DEF AT Upper Jurassic (Tithonian) Anchispirocyclina lusitanica	DEF AT
13940 /	POS AT Upper Jurassic (Tithonian) Gallaecytheridea postrotunda (ostracod)	DEF AT
14140 /	DEF AT local marker ostracod (see remarks)	DEF AT
16439 /	POS AT basement rock	DEF AT
16440 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 09-SEP-1992	First Sample Examined: 1930
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: WILEY POAG	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 7 of 7	Sample Range: 1240 - 17367	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 005

Remark: Biostratigraphic report by C Wiley Poag (Woods Hole, MA), Stratigraphic Evolution of the West-central Florida platform as determined from the Texaco 2523 no 1 Well, 1240=Lake City Limestone

MD / TVD	Paleo Top Description	Ecozone
1240 /	DEF AT first sample examined	DEF AT
1241 /	DEF IN dolomite	DEF AT
1242 /	DEF IN Middle Eocene Claiborne Group/Provincial Stage	DEF AT
1570 /	DEF AT anhydrite	DEF AT
2680 /	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
2740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
3130 /	DEF AT anhydrite	DEF AT
3430 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
4450 /	DEF AT Paleocene Cedar Keys Formation	DEF AT
4540 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT
4840 /	DEF AT local marker foram decrease	DEF AT
5540 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
5740 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
6000 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana sinuosa	DEF AT
6630 /	POS IN Upper Cretaceous (Coniacian) Dicarinella imbricata	DEF AT
7240 /	DEF AT Upper Cretaceous (Turonian) Dicarinella hagni	DEF AT
7540 /	DEF AT local marker planktic foram increase	DEF AT
7640 /	DEF AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT
7660 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana praehelvetica	DEF AT
7680 /	DEF AT Upper Cretaceous (Cenomanian) Lenticulina gaultina	DEF AT
7700 /	POS AT Lower Cretaceous (Albian) Planomalina buxtorfi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 09-SEP-1992	First Sample Examined: 1930
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: WILEY POAG	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 7 of 7	Sample Range: 1240 - 17367	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 005

MD / TVD	Paleo Top Description	Ecozone
7840 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT
8440 /	DEF AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT
8840 /	POS AT Lower Cretaceous (Albian) Cytheridea goodlandensis (ostracod)	DEF AT
9040 /	DEF AT Lower Cretaceous (Albian) Coskinolinoides texanus	DEF AT
9940 /	DEF AT Lower Cretaceous (Albian) Biticinella breggiensis	DEF AT
10240 /	POS AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
10640 /	POS IN Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT
10939 /	DEF IN Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
11040 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT
11140 /	DEF AT Lower Cretaceous Punta Gorda Formation	DEF AT
11240 /	DEF AT miliolid limestone	DEF AT
11340 /	DEF AT Lower Cretaceous (Albian) Rehacythereis? aff. R. glabrella (ostracod)	DEF AT
12140 /	DEF AT miliolid limestone	DEF AT
12180 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT
12200 /	DEF AT local marker foram decrease	DEF AT
12240 /	POS AT local marker benthic foram increase	DEF AT
12260 /	DEF AT local white Arenaceous fauna	DEF AT
12340 /	DEF AT Arenaceous fauna (local marker)	DEF AT
12639 /	DEF AT miliolid limestone	DEF AT
12640 /	DEF IN Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
13239 /	POS AT Lower Cretaceous (Valanginian) Schuleridea acuminata (ostracod)	DEF AT
13240 /	POS AT Lower Cretaceous (Valanginian) Everticyclammina virginulina	DEF AT
13340 /	POS AT local marker benthic foram increase	DEF AT
13440 /	DEF AT Lower Cretaceous (Berriasian) Hutsonia vulgaris / callahani (ostracod)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PB 100	Date of Summary: 09-SEP-1992	First Sample Examined: 1930
Lease Number: G02523	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17388
Well Name: 001	Paleo Done By: WILEY POAG	Borehole TVD: 17388
API Well Number: 608354000100	Drilling Operator: TEXACO INC	Rkb Elevation: 84
Paleo Report Num: 7 of 7	Sample Range: 1240 - 17367	Water Depth: 107
Public Info Code: Y 27-DEC-1976	Ecozone Eq MMS:	Paleo ID: 005

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13540 /	DEF AT Lower Cretaceous (Berriasian) Pentaschuleridea pentagonalis (ostracod)	DEF AT
13630 /	DEF AT Upper Jurassic (Tithonian) Anchispirocyclus lusitanica	DEF AT
13650 /	POS AT Upper Jurassic (Tithonian) Gallaecytheridea postrotunda (ostracod)	DEF AT
14240 /	DEF AT local marker foram decrease	DEF AT
17367 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 13-APR-1982	First Sample Examined: 0
Lease Number: G03886	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 23264
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 5	Sample Range: 0 - 0	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2809 /	DEF AT Oligocene	DEF AT
3910 /	DEF AT Eocene	DEF AT
5310 /	DEF AT Upper (Late) Cretaceous	DEF AT
6950 /	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT
7668 /	DEF AT Upper Cretaceous Lower Tuscaloosa Formation	DEF AT
8236 /	DEF AT Lower (Early) Cretaceous	DEF AT
9264 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
10760 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
11830 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT
12570 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
12860 /	DEF IN Lower Cretaceous Ferry Lake Anhydrite	DEF AT
13690 /	DEF AT Lower Cretaceous Pine Island Formation	DEF AT
13910 /	DEF AT Lower Cretaceous Hosston (Travis Peak) Formation	DEF AT
16870 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT
19922 /	DEF AT Jurassic Haynesville Formation	DEF AT
20450 /	DEF AT Jurassic Buckner Formation	DEF AT
21350 /	POS AT Jurassic Smackover Formation	DEF AT
22400 /	POS AT Jurassic Norphlet Formation	DEF AT
22972 /	POS AT Jurassic Pine Hill Anhydrite Member	DEF AT
23210 /	POS AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 05-AUG-1982	First Sample Examined: 1060
Lease Number: G03886	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 23264
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 2 of 5	Sample Range: 1060 - 23264	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 /	DEF AT first sample examined	POS IN 3
1960 /	DEF AT - - - - -	DEF AT 4
1990 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
2350 /	DEF AT - - - - -	DEF AT 3
2500 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
2740 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
2950 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 3
3490 /	DEF AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT 3
3580 /	DEF AT glauconite	DEF AT 3
3970 /	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 3
4060 /	POS IN Middle Eocene (Lutetian) Cyclammina caneriverensis	DEF AT 3
4210 /	DEF AT Middle Eocene (Bartonian) Globorotalia spinuloinflata	DEF AT 2
4330 /	DEF AT Middle Eocene (Bartonian) Acarinina broedermanni	DEF AT 2
4840 /	POS AT Lower Eocene (Ypresian) Morozovella acuta	DEF AT 2
4870 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT 2
5050 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 2
5140 /	DEF AT Bathysiphon fauna	DEF AT 2
5260 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT 2
5320 /	DEF AT charophytes	DEF AT 2
6300 /	DEF AT Upper Cretaceous (Santonian) Dicarinella concavata	DEF AT 2
6690 /	DEF AT Upper Cretaceous (Turonian) Planulina eaglefordensis	DEF AT 2
7410 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 05-AUG-1982	First Sample Examined: 1060
Lease Number: G03886	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 23264
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 2 of 5	Sample Range: 1060 - 23264	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora reicheli	DEF AT 2
7920 /	DEF AT - - - - -	DEF AT 1
8010 /	DEF AT - - - - -	DEF AT 2
8100 /	DEF AT charophytes	DEF AT 2
8130 /	DEF AT Lower Cretaceous (Albian) Cythereis fredericksburgensis (ostracod)	DEF AT 2
8460 /	DEF AT limestone	DEF AT 2
8580 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
9210 /	DEF AT Lower Cretaceous (Albian) Cytheridea goodlandensis (ostracod)	DEF AT 2
9240 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT 2
9900 /	DEF AT local marker ostracod (see remarks)	DEF AT 2
10200 /	DEF AT - - - - -	DEF AT 1
10440 /	DEF AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 2
10830 /	DEF AT - - - - -	DEF AT 1
10890 /	DEF AT charophytes	DEF AT 1
11850 /	DEF AT anhydrite	DEF AT 1
12209 /	DEF AT Lower Cretaceous Mooringsport Formation	DEF AT 2
12210 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
12270 /	DEF AT - - - - -	DEF AT 1
12360 /	DEF AT charophytes	DEF AT 1
12450 /	POS IN Lower Cretaceous (Aptian) Epistomina sp.	DEF AT 1
12749 /	DEF AT miliolid limestone	DEF AT 1
12750 /	DEF AT oolites	DEF AT 1
12990 /	DEF AT anhydrite	DEF AT 1
13440 /	DEF AT oolites	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 05-AUG-1982	First Sample Examined: 1060
Lease Number: G03886	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 23264
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 2 of 5	Sample Range: 1060 - 23264	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13770 /	DEF AT - - - - -	DEF AT 2
13890 /	POS AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 2
14070 /	DEF AT - - - - -	DEF AT 1
16760 /	POS AT Lower Cretaceous (Valanginian) Everticyclammina virginulina	DEF AT 2
16790 /	DEF AT - - - - -	DEF AT 1
17150 /	DEF AT - - - - -	DEF AT 2
17210 /	DEF AT Lower Cretaceous (Berriasian) Pentaschuleridea pentagonalis (ostracod)	DEF AT 2
17270 /	DEF AT Upper Jurassic (Tithonian) Buccricrenata italica (increase)	DEF AT 2
17479 /	DEF AT Jurassic Bossier Formation	DEF AT 2
17480 /	DEF AT Upper Jurassic Reinholdella "A" (increase)	DEF AT 2
17540 /	DEF AT - - - - -	DEF AT 1
23264 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 01-MAY-1988	First Sample Examined: 1060
Lease Number: G03886	Source of Paleo: PUBLICATION	Borehole MD: 23264
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 3 of 5	Sample Range: 1060 - 3010	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS:	Paleo ID: 003

Remark: Source is Mink, R M et al, 1988, Regional geologic framework and petroleum geology of Miocene strata of Alabama coastal waters area and adjacent Federal waters area, Geological Survey of Alabama and State Oil and Gas Board Final Report, page 78

MD / TVD	Paleo Top Description	Ecozone
1060 /	DEF AT first sample examined	DEF AT
1600 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
2050 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
2080 /	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT
2110 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT
2140 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
2350 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT
2410 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
2470 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
2500 /	DEF AT foram flood	DEF AT
2560 /	DEF AT sample gap top	DEF AT
2619 /	DEF AT sample gap bottom	DEF AT
2620 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
2740 /	DEF AT sample gap top	DEF AT
2769 /	DEF AT sample gap bottom	DEF AT
2770 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
2830 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
2950 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
3010 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 01-AUG-1990	First Sample Examined: 1060
Lease Number: G03886	Source of Paleo: OPERATOR	Borehole MD: 23264
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 4 of 5	Sample Range: 1060 - 4000	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 /	DEF AT first sample examined	DEF AT
1240 /	DEF AT - - - - -	DEF AT 1
1600 /	DEF AT - - - - -	DEF AT 3
1840 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 3
1960 /	DEF AT - - - - -	DEF AT 4
2020 /	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
2050 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
2080 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
2290 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
2380 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
2440 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
2620 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
2770 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
2860 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 1
2980 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT 1
3490 /	DEF AT - - - - -	DEF AT 3
3850 /	POS AT Lower Oligocene (Rupelian) Globorotalia increbescens	DEF AT 4
3940 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT 4
4000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PE 973	Date of Summary: 01-AUG-1990	First Sample Examined: 1060
Lease Number: G03886	Source of Paleo: OPERATOR	Borehole MD: 23264
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 23264
API Well Number: 608214000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 5 of 5	Sample Range: 1060 - 23264	Water Depth: 90
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 005

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 /	DEF AT first sample examined	DEF AT
1990 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
2500 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
2740 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
3490 /	DEF AT Oligocene Vicksburg Group/Provincial Stage	DEF AT 1
3970 /	DEF AT Upper Eocene (Priabonian) Hantkenina alabamensis	DEF AT 1
4330 /	DEF AT Middle Eocene (Bartonian) Ceratobulimina eximia	DEF AT 1
4870 /	DEF AT Lower Eocene-Upper Paleocene Wilcox Group/Provincial Stage	DEF AT 1
5140 /	DEF AT Upper Paleocene (Thanetian) Morozovella velascoensis	DEF AT 1
5141 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT 1
5260 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT 1
5700 /	DEF AT Upper Cretaceous (Maastrichtian) Rosita fornicata	DEF AT 1
6300 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT 1
6690 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT 1
8130 /	DEF AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT 1
10440 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 1
12210 /	DEF AT Lower Cretaceous (Aptian) Choffatella decipiens	DEF AT 1
13890 /	DEF AT Lower Cretaceous Sligo (Pettet) Formation	DEF AT 1
16760 /	DEF AT Lower Cretaceous-Upper Jurassic Cotton Valley Group/Provincial Stage	DEF AT 1
23264 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 2	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G04470	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18497
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 18458
API Well Number: 177134010000	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 18-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10900 / 10900	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11290 / 11290	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12490 / 12489	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
15820 / 15818	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
18430 / 18397	DEF AT deepwater facies Listerella fauna	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 5	Date of Summary: 01-JUL-1979	First Sample Examined: 280
Lease Number: G03791	Source of Paleo: OPERATOR	Borehole MD: 14900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14900
API Well Number: 177134004600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 3	Sample Range: 280 - 14900	Water Depth: 35
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
280 /	DEF AT first sample examined	DEF AT
1840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2440 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
3520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3940 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
4240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6510 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
8820 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10680 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
14900 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 5	Date of Summary: 25-AUG-1979	First Sample Examined: 280
Lease Number: G03791	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14900
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14900
API Well Number: 177134004600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 280 - 14900	Water Depth: 35
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
280 /	DEF AT first sample examined	DEF AT 2
1480 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2500 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
4030 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
4240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6360 /	DEF AT pyrite	POS AT 3
6810 /	DEF AT faunal change (no faunal increase)	DEF IN 1
7410 /	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	POS AT 2
7920 /	DEF AT Arenaceous fauna (local marker)	POS AT 2
8280 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8820 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10050 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10650 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12119 /	DEF AT Bathysiphon fauna	DEF AT 4
12120 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
13590 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
13860 /	DEF AT cement	POS AT 4
13950 /	DEF AT gray shale	DEF AT 4
14190 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14580 /	DEF AT local marker planktic foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 5	Date of Summary: 25-AUG-1979	First Sample Examined: 280
Lease Number: G03791	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14900
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14900
API Well Number: 177134004600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 280 - 14900	Water Depth: 35
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14900 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 5	Date of Summary: 24-SEP-1992	First Sample Examined: 280
Lease Number: G03791	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14900
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14900
API Well Number: 177134004600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 280 - 14900	Water Depth: 35
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
280 /	DEF AT first sample examined	DEF AT 1
281 /	DEF AT sand	DEF AT 1
1300 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1360 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1540 /	DEF AT local marker foram decrease	DEF IN 1
1960 /	POS AT local marker foram increase	DEF AT 2
2020 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2200 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
2380 /	DEF AT local marker benthic foram increase	DEF AT 3
2440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2560 /	DEF AT local marker foram decrease	DEF IN 2
3280 /	DEF AT local marker foram decrease	DEF AT 2
4000 /	DEF AT cement	DEF AT 3
4030 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
4240 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4270 /	DEF AT local marker foram decrease	DEF AT 2
6300 /	POS AT pyrite	DEF AT 2
6750 /	DEF AT shell fragments	DEF AT 2
8010 /	DEF AT shell fragments	DEF AT 2
9060 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
9180 /	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
9238 /	DEF AT Eggerella sp. (local marker)	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 5	Date of Summary: 24-SEP-1992	First Sample Examined: 280
Lease Number: G03791	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14900
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14900
API Well Number: 177134004600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 280 - 14900	Water Depth: 35
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9239 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 3
9240 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9510 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9630 /	DEF AT gray shale	POS AT 3
9750 /	DEF AT local marker foram increase	DEF AT 3
9810 /	DEF AT local marker foram decrease	DEF IN 2
9840 /	DEF AT sand	DEF AT 2
10050 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10110 /	DEF AT local marker foram decrease	DEF IN 2
10350 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
10620 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
10710 /	DEF AT Eggerella sp. (local marker)	DEF IN 3
10830 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10860 /	DEF AT local marker foram decrease	DEF AT 3
10980 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11130 /	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
11250 /	DEF AT drilling material	POS AT 4
11460 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
12120 /	DEF AT local marker benthic foram increase	DEF AT 5
12210 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
12270 /	DEF AT cement	POS AT 5
12510 /	DEF AT Cyclammina cancellata (local marker)	POS AT 5
12660 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 5
13590 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 5	Date of Summary: 24-SEP-1992	First Sample Examined: 280
Lease Number: G03791	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14900
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14900
API Well Number: 177134004600	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 280 - 14900	Water Depth: 35
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
13650 /	DEF AT local marker foram decrease	DEF IN 3
13860 /	DEF AT cement	DEF IN 3
14579 /	DEF AT gray shale	DEF IN 3
14580 /	DEF AT local marker planktic foram increase	DEF IN 3
14610 /	DEF AT local marker foram decrease	DEF AT 3
14670 /	DEF AT sand	DEF AT 3
14820 /	DEF AT faunal change (no faunal increase)	DEF IN 2
14900 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 10	Date of Summary: 28-SEP-1978	First Sample Examined: 4620
Lease Number: G02924	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13751
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13191
API Well Number: 177134001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4620 - 13710	Water Depth: 35
Public Info Code: Y 11-JAN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4620 / 4433	DEF AT first sample examined	DEF AT 2
4800 / 4597	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4950 / 4734	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5098 / 4869	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
5099 / 4870	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5100 / 4871	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
5130 / 4899	DEF AT local marker foram decrease	DEF AT 2
5970 / 5671	DEF AT pyrite	DEF AT 2
6330 / 6002	DEF AT anhydrite	DEF AT 2
7140 / 6760	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 2
7980 / 7542	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 3
8310 / 7844	DEF AT pyrite	DEF AT 3
8820 / 8311	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10380 / 9829	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10410 / 9859	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
10470 / 9919	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
11250 / 10698	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11910 / 11357	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
12120 / 11567	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
12121 / 11568	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
12360 / 11807	DEF AT local marker foram decrease	DEF AT 4
13170 / 12616	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 10	Date of Summary: 28-SEP-1978	First Sample Examined: 4620
Lease Number: G02924	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13751
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13191
API Well Number: 177134001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4620 - 13710	Water Depth: 35
Public Info Code: Y 11-JAN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13560 / 13003	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
13680 / 13122	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	DEF IN 4
13710 / 13152	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 10	Date of Summary: 14-DEC-1976	First Sample Examined: 8085
Lease Number: G02925	Source of Paleo: OPERATOR	Borehole MD: 11992
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11992
API Well Number: 177134000800	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 190
Paleo Report Num: 1 of 1	Sample Range: 8085 - 11992	Water Depth: 38
Public Info Code: Y 30-NOV-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
8085 / 8081	DEF AT first sample examined	DEF AT
8800 / 8796	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT
9630 / 9626	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9840 / 9836	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10380 / 10376	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
10560 / 10556	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10710 / 10706	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
11070 / 11066	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
11760 / 11756	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
11850 / 11846	DEF AT local marker benthic foram increase	DEF AT
11970 / 11966	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT
11992 / 11988	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 12-NOV-1980	First Sample Examined: 8000
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 13688
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13688
API Well Number: 177134008100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8000 - 13670	Water Depth: 23
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 2
8960 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12289 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
12290 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12560 /	DEF AT cement	DEF AT 3
12680 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13010 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
13100 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13670 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 17-NOV-1980	First Sample Examined: 8000
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 13688
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13688
API Well Number: 177134008100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8000 - 13670	Water Depth: 23
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF IN 2
8240 /	DEF AT - - - - -	POS AT 3
9140 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12770 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13670 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 13-FEB-1981	First Sample Examined: 9800
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14310
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13668
API Well Number: 177134008400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9800 - 14300	Water Depth: 35
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9800 / 9470	DEF AT first sample examined	DEF IN 2
11540 / 11117	DEF AT faunal change (no faunal increase)	DEF AT 3
12080 / 11621	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13430 / 12867	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14300 / 13655	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 15-FEB-1980	First Sample Examined: 8550
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14920
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14914
API Well Number: 177134007100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 8550 - 14850	Water Depth: 35
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 / 8549	DEF AT first sample examined	DEF AT 2
9270 / 9269	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11070 / 11069	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12210 / 12209	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14590 / 14585	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
14850 / 14844	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 27-FEB-1980	First Sample Examined: 8550
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14920
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14914
API Well Number: 177134007100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 8550 - 14910	Water Depth: 35
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 / 8549	DEF AT first sample examined	DEF AT 2
10920 / 10919	DEF AT faunal change (no faunal increase)	DEF AT 3
11039 / 11038	POS AT fault	DEF AT 3
11040 / 11039	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11670 / 11669	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12180 / 12179	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
13020 / 13017	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14588 / 14583	DEF AT local marker planktic foram increase	DEF AT 5
14589 / 14584	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14590 / 14585	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
14880 / 14874	DEF AT calcite	DEF AT 5
14910 / 14904	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 04-AUG-1980	First Sample Examined: 9000
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14336
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14072
API Well Number: 177134007700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 1 of 4	Sample Range: 9000 - 14460	Water Depth: 30
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
9000 / 8925	DEF AT first sample examined	DEF IN 2
9720 / 9617	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
12060 / 11876	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13020 / 12806	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14460 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 04-AUG-1980	First Sample Examined: 14240
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14336
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14072
API Well Number: 177134007700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 2 of 4	Sample Range: 14240 - 14330	Water Depth: 30
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14240 / 13982	DEF AT first sample examined	DEF AT 3
14330 / 14067	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 04-AUG-1980	First Sample Examined: 9000
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14336
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14072
API Well Number: 177134007700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 3 of 4	Sample Range: 9000 - 14460	Water Depth: 30
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
9000 / 8925	DEF AT first sample examined	DEF AT 2
9630 / 9530	DEF AT - - - - -	DEF AT 3
9660 / 9559	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10140 / 10024	DEF AT - - - - -	DEF AT 2
12060 / 11876	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12390 / 12195	DEF AT - - - - -	DEF AT 2
12870 / 12661	DEF AT - - - - -	DEF AT 3
12960 / 12748	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
14220 / 13963	DEF AT cement	DEF IN 3
14460 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 12	Date of Summary: 08-AUG-1980	First Sample Examined: 14240
Lease Number: G03588	Source of Paleo: OPERATOR	Borehole MD: 14336
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14072
API Well Number: 177134007700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 80
Paleo Report Num: 4 of 4	Sample Range: 14240 - 14300	Water Depth: 30
Public Info Code: Y 20-JUL-1986	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14240 / 13982	DEF AT first sample examined	DEF AT 3
14241 / 13983	DEF AT cement	DEF AT 3
14300 / 14038	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 13	Date of Summary: 05-JAN-1977	First Sample Examined: 7670
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 16187
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15657
API Well Number: 177134001500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 7670 - 16187	Water Depth: 35
Public Info Code: Y 28-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7670 / 7351	DEF AT first sample examined	DEF IN 2
8190 / 7845	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10350 / 9872	DEF AT - - - - -	DEF AT 3
10860 / 10353	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11370 / 10843	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12120 / 11586	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12900 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15510 /	DEF AT - - - - -	DEF AT 5
15990 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
16170 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 5
16187 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 13	Date of Summary: 07-JUN-1976	First Sample Examined: 8000
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 15773
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15768
API Well Number: 177134001200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 76
Paleo Report Num: 1 of 3	Sample Range: 8000 - 15074	Water Depth: 37
Public Info Code: Y 08-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
8000 / 7998	DEF AT first sample examined	DEF IN 2
8390 / 8388	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10430 / 10426	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11000 / 10996	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11570 / 11566	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12320 / 12316	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15074 / 15069	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 13	Date of Summary: 07-JUN-1976	First Sample Examined: 14920
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 15773
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15768
API Well Number: 177134001200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 76
Paleo Report Num: 2 of 3	Sample Range: 14920 - 15773	Water Depth: 37
Public Info Code: Y 08-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14920 / 14915	DEF AT first sample examined	DEF AT 4
15310 / 15305	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15580 / 15575	DEF IN Upper Miocene (Tortonian) Textularia "G"	DEF AT 6
15773 / 15768	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 13	Date of Summary: 10-JUN-1976	First Sample Examined: 8000
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 15773
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15768
API Well Number: 177134001200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 76
Paleo Report Num: 3 of 3	Sample Range: 8000 - 15074	Water Depth: 37
Public Info Code: Y 08-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
8000 / 7998	DEF AT first sample examined	DEF AT 3
8720 / 8718	DEF AT local marker benthic foram increase	DEF AT 3
9530 / 9527	DEF AT local marker benthic foram increase	DEF AT 3
10130 / 10126	POS AT Eggerella sp. (local marker)	DEF AT 3
10339 / 10335	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
10340 / 10336	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10760 / 10756	DEF AT - - - - -	DEF AT 3
10910 / 10906	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11510 / 11506	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12320 / 12316	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12410 / 12406	DEF AT - - - - -	DEF AT 4
12830 / 12826	DEF AT local marker foram increase	DEF AT 5
12920 / 12916	DEF AT - - - - -	DEF AT 4
15010 / 15005	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15074 / 15069	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 13	Date of Summary: 08-MAR-1977	First Sample Examined: 7000
Lease Number: G03171	Source of Paleo: OPERATOR	Borehole MD: 15050
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14628
API Well Number: 177134001501	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 7000 - 15050	Water Depth: 37
Public Info Code: Y 03-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6826	DEF AT first sample examined	DEF IN 2
8860 / 8606	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11640 / 11308	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
12240 / 11883	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13320 / 12923	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14040 / 13620	DEF AT sample gap top	DEF AT
14310 /	DEF AT sample gap bottom	DEF AT
14970 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
15030 /	DEF AT - - - - -	DEF AT 5
15050 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 15	Date of Summary: 25-APR-1979	First Sample Examined: 0
Lease Number: G03792	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11295
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11294
API Well Number: 177134005400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 44
Public Info Code: Y 29-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5400 / 5400	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6430 / 6430	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8220 / 8219	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8700 / 8699	DEF AT local marker benthic foram increase	DEF AT
9400 / 9399	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 15	Date of Summary: 05-JAN-1983	First Sample Examined: 0
Lease Number: G03792	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11160
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11160
API Well Number: 177134010700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4585 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7280 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10880 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 15	Date of Summary: 09-JUN-1983	First Sample Examined: 0
Lease Number: G03792	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18580
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 17003
API Well Number: 177134010900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 29-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4510	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10680 / 10601	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11370 / 11200	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 19	Date of Summary: 04-AUG-1987	First Sample Examined: 10000
Lease Number: G01235	Source of Paleo: OPERATOR	Borehole MD: 14412
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14412
API Well Number: 177130007700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 10000 - 14390	Water Depth: 30
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 /	DEF AT first sample examined	DEF AT 2
11700 /	DEF AT -----	DEF AT 3
12150 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12240 /	DEF AT -----	DEF AT 2
12480 /	DEF AT -----	DEF AT 3
13470 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
14390 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 20	Date of Summary: 16-JAN-1972	First Sample Examined: 0
Lease Number: 00074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7814
Well Name: 024	Paleo Done By: OPERATOR	Borehole TVD: 7803
API Well Number: 177132001100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 28
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 24-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6580 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
6660 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 20	Date of Summary: 11-MAR-1976	First Sample Examined: 0
Lease Number: 00074	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7837
Well Name: 025	Paleo Done By: OPERATOR	Borehole TVD: 7801
API Well Number: 177134001100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 25-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3817 / 3815	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4065 / 4063	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6204 / 6169	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7687 / 7651	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 21	Date of Summary: 10-DEC-1985	First Sample Examined: 0
Lease Number: G04116	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16487
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16443
API Well Number: 177134008600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 12-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11670 / 11668	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12150 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13290 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 21	Date of Summary: 02-JAN-1985	First Sample Examined: 0
Lease Number: G04116	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13072
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13063
API Well Number: 177134012500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 54
Public Info Code: Y 12-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11440 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12220 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12970 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 24	Date of Summary: 21-JUN-1971	First Sample Examined: 5000
Lease Number: G01897	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 177134000100	Drilling Operator: GENERAL AMERICAN OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9500	Water Depth: 60
Public Info Code: Y 31-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT 2
5001 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 25	Date of Summary: 17-JAN-1964	First Sample Examined: 5000
Lease Number: G01239	Source of Paleo: OPERATOR	Borehole MD: 12658
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12658
API Well Number: 177130007000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12658	Water Depth: 60
Public Info Code: Y 30-APR-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	POS AT 2
5001 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8340 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	POS AT 3
8460 /	DEF AT faunal change (no faunal increase)	POS AT 2
10000 /	DEF AT Arenaceous fauna (local marker)	POS AT 2
10030 /	DEF AT faunal change (no faunal increase)	POS AT 3
10719 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10720 /	DEF AT Upper Miocene (Messinian) Textularia "X"	POS AT 4
11459 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11460 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	POS AT 4
12120 /	DEF AT faunal change (no faunal increase)	POS AT 3
12658 /	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PL 25	Date of Summary: 21-NOV-1983	First Sample Examined: 12980
Lease Number: G05047	Source of Paleo: OPERATOR	Borehole MD: 19750
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 19725
API Well Number: 177134011100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 12980 - 16990	Water Depth: 64
Public Info Code: Y 28-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12980 / 12976	DEF AT first sample examined	DEF AT
14100 / 14094	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
16990 / 16979	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 884	Date of Summary: 14-MAY-1980	First Sample Examined: 2000
Lease Number: G03460	Source of Paleo: OPERATOR	Borehole MD: 14435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14435
API Well Number: 427014001100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 1 of 3	Sample Range: 2000 - 14434	Water Depth: 90
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF AT 1
2210 /	DEF AT local marker foram increase	DEF AT 1
3020 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
3350 /	DEF AT - - - - -	DEF IN 1
3650 /	DEF AT - - - - -	DEF AT 1
6530 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 1
6890 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
7280 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
7490 /	DEF AT - - - - -	DEF AT 1
7610 /	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 2
7940 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 2
8570 /	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 2
8690 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 2
9050 /	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 2
10190 /	DEF AT - - - - -	DEF AT 1
10280 /	DEF AT - - - - -	DEF AT 2
13490 /	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 2
14434 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 884	Date of Summary: 24-FEB-1983	First Sample Examined: 1070
Lease Number: G03460	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14435
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 14435
API Well Number: 427014001100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 2 of 3	Sample Range: 1070 - 4070	Water Depth: 90
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1070 /	DEF AT first sample examined	DEF AT
2240 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3080 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
4070 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 884	Date of Summary: 24-FEB-1983	First Sample Examined: 6560
Lease Number: G03460	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14435
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 14435
API Well Number: 427014001100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 3 of 3	Sample Range: 3200 - 14434	Water Depth: 90
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 /	DEF AT first sample examined	DEF AT 2
6560 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
6800 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
7280 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 2
7700 /	DEF AT Upper Oligocene (Chattian) Cibicides jeffersonensis	DEF AT 2
7970 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
8600 /	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
8900 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
9170 /	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
11240 /	DEF AT Bathysiphon fauna	DEF AT 3
11479 /	DEF AT Bathysiphon fauna	DEF AT 2
11480 /	POS IN Upper Oligocene (Chattian) Camerina "A"	DEF AT 2
11600 /	DEF AT Bathysiphon fauna	DEF AT 2
11750 /	DEF AT limestone	DEF AT 2
12140 /	DEF AT Bathysiphon fauna	DEF AT 2
12800 /	DEF AT Upper Oligocene (Chattian) Cibicides hazzardi	DEF AT 2
12860 /	DEF AT poor sample interval top	DEF AT 2
14419 /	DEF AT poor sample interval bottom	DEF AT 2
14434 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 890	Date of Summary: 29-MAY-1980	First Sample Examined: 475
Lease Number: G02999	Source of Paleo: OPERATOR	Borehole MD: 4001
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4001
API Well Number: 427134001200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 475 - 3955	Water Depth: 188
Public Info Code: Y 13-JUL-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
475 /	DEF AT first sample examined	DEF AT 2
715 /	DEF AT - - - - -	DEF AT 3
1615 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
2815 /	DEF AT sample gap top	DEF AT
3294 /	DEF AT sample gap bottom	DEF AT
3295 /	DEF AT - - - - -	DEF AT 3
3805 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
3955 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 891	Date of Summary: 04-FEB-1980	First Sample Examined: 6090
Lease Number: G03000	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 427134001000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 25-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6090 /	DEF AT first sample examined	DEF AT
6320 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6930 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7750 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8050 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
11110 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
11500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 892	Date of Summary: 30-JUN-1977	First Sample Examined: 1060
Lease Number: G03001	Source of Paleo: OPERATOR	Borehole MD: 8946
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8241
API Well Number: 427134000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1060 - 8946	Water Depth: 177
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 / 1060	DEF AT first sample examined	DEF AT
3785 / 3785	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
4190 / 4190	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
5045 / 5032	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6360 / 6234	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
7485 / 7129	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
8835 / 8152	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
8836 / 8153	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT
8946 / 8232	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 892	Date of Summary: 05-JAN-1978	First Sample Examined: 1060
Lease Number: G03001	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8946
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8241
API Well Number: 427134000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1060 - 8946	Water Depth: 177
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1060 / 1060	DEF AT first sample examined	DEF IN 3
1620 / 1620	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3105 / 3105	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3420 / 3420	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
3645 / 3645	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
4055 / 4055	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
4865 / 4856	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
5045 / 5032	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
5460 / 5426	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
6000 / 5916	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 3
6180 / 6076	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
6360 / 6234	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
6540 / 6388	DEF AT sand	DEF AT 2
7485 / 7129	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
8250 / 7722	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
8835 / 8152	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
8946 / 8232	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 897	Date of Summary: 08-JUN-1977	First Sample Examined: 6710
Lease Number: G03211	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 427014000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 6710 - 15000	Water Depth: 102
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6710 /	DEF AT first sample examined	DEF AT
6920 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
7280 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
7940 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
8930 /	DEF IN Upper Oligocene (Chattian) Bolivina perca	DEF AT
9780 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
10580 /	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT
12790 /	DEF AT Oligocene Frio Formation/Provincial Stage	DEF AT
15000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 897	Date of Summary: 17-MAR-1977	First Sample Examined: 4170
Lease Number: G03211	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 427014000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 4170 - 8773	Water Depth: 92
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack report, 9320, 10070, and 14340=sidetrack tops

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 /	DEF AT first sample examined	DEF AT
6670 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
6970 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
7350 /	DEF AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
8100 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT
8730 /	DEF IN Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
8773 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 897	Date of Summary: 17-MAR-1977	First Sample Examined: 7980
Lease Number: G03211	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 427014000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 7980 - 14500	Water Depth: 92
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7980 /	DEF AT first sample examined	DEF AT
8070 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT
8720 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
9320 /	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT
10070 /	DEF IN Oligocene Frio Formation/Provincial Stage	DEF AT
12780 /	DEF AT Cyclammina sp. (local marker)	DEF AT
14340 /	POS IN Upper Oligocene (Chattian) Marginulina texana	DEF AT
14500 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 913	Date of Summary: 27-MAY-1980	First Sample Examined: 4270
Lease Number: G03462	Source of Paleo: OPERATOR	Borehole MD: 11965
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11300
API Well Number: 427134001100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 5	Sample Range: 4270 - 9410	Water Depth: 170
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4270 / 4042	DEF AT first sample examined	DEF IN 4
4271 / 4042	POS IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 4
4390 / 4145	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 4
5980 / 5601	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 4
6220 / 5827	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 4
6790 / 6370	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 4
7780 / 7315	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 4
8769 / 8257	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 4
8770 / 8258	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 4
9410 / 8865	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 913	Date of Summary: 27-MAY-1980	First Sample Examined: 5940
Lease Number: G03462	Source of Paleo: OPERATOR	Borehole MD: 11965
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11300
API Well Number: 427134001100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 5	Sample Range: 5940 - 8940	Water Depth: 170
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
5940 / 5564	DEF AT first sample examined	DEF IN 4
5941 / 5564	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 4
6240 / 5845	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 4
6720 / 6303	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 4
7680 / 7220	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 4
7840 / 7372	DEF AT - - - - -	DEF AT 4
8670 / 8163	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 4
8940 / 8421	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 913	Date of Summary: 27-MAY-1980	First Sample Examined: 7820
Lease Number: G03462	Source of Paleo: OPERATOR	Borehole MD: 11965
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11300
API Well Number: 427134001100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 3 of 5	Sample Range: 7820 - 8730	Water Depth: 170
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
7820 / 7353	DEF AT first sample examined	DEF AT 4
7821 / 7354	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
7900 / 7429	DEF AT - - - - -	DEF AT 4
8660 / 8153	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF IN 4
8730 / 8220	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 913	Date of Summary: 28-MAY-1980	First Sample Examined: 6370
Lease Number: G03462	Source of Paleo: OPERATOR	Borehole MD: 11965
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11300
API Well Number: 427134001100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 4 of 5	Sample Range: 6370 - 10080	Water Depth: 170
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 005

Remark: Sidetrack 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6370 / 5968	DEF AT first sample examined	DEF IN 4
6371 / 5969	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 4
6730 / 6312	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF IN 4
7630 / 7172	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
8650 / 8144	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 4
9750 / 9189	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF IN 4
10080 / 9504	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 913	Date of Summary: 07-OCT-1980	First Sample Examined: 8770
Lease Number: G03462	Source of Paleo: OPERATOR	Borehole MD: 11965
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11300
API Well Number: 427134001100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 5 of 5	Sample Range: 8770 - 11962	Water Depth: 170
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 006

Remark: Sidetrack 4 report

MD / TVD	Paleo Top Description	Ecozone
8770 / 8258	DEF AT first sample examined	DEF AT 4
8771 / 8259	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
9700 / 9141	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 4
11890 / 11245	DEF AT poor sample interval top	DEF AT 5
11949 / 11302	DEF AT poor sample interval bottom	DEF AT 5
11962 / 11315	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 913	Date of Summary: 21-NOV-1980	First Sample Examined: 4190
Lease Number: G03462	Source of Paleo: OPERATOR	Borehole MD: 9049
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8635
API Well Number: 427134001500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4190 - 9020	Water Depth: 170
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4190 / 4125	DEF AT first sample examined	DEF AT
4191 / 4126	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
5720 / 5546	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT
6140 / 5940	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
6740 / 6504	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
7040 / 6774	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
8180 / 7816	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT
9020 / 8603	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 924	Date of Summary: 08-FEB-1983	First Sample Examined: 9000
Lease Number: G04984	Source of Paleo: OPERATOR	Borehole MD: 12732
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 12659
API Well Number: 427014002100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 2	Sample Range: 9000 - 10990	Water Depth: 87
Public Info Code: Y 03-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 9000	DEF AT first sample examined	DEF AT
9160 / 9160	DEF AT Lower Miocene (Burdigalian) Discoaster calcosus (increase)	DEF AT
10060 / 10055	DEF AT Upper Oligocene (Chattian) Dictyococcites bisectus	DEF AT
10990 / 10958	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 924	Date of Summary: 31-JAN-1984	First Sample Examined: 360
Lease Number: G04984	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12732
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12659
API Well Number: 427014002100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 360 - 12730	Water Depth: 87
Public Info Code: Y 03-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 / 360	DEF AT first sample examined	DEF AT 1
2560 / 2560	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2680 / 2680	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
3040 / 3040	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
4180 / 4180	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7750 / 7750	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7751 / 7751	DEF AT poor sample interval top	DEF AT 2
8380 / 8380	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
8590 / 8590	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
9130 / 9130	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
9760 / 9758	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
9850 / 9848	DEF AT faunal change (no faunal increase)	DEF AT 4
10090 / 10085	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 4
10750 / 10728	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 3
12010 / 11945	DEF AT local marker foram increase	DEF AT 3
12699 / 12626	DEF AT poor sample interval bottom	DEF AT 3
12730 / 12657	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 948	Date of Summary: 31-AUG-1979	First Sample Examined: 320
Lease Number: G03215	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9200
API Well Number: 427014001000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 320 - 9200	Water Depth: 126
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
320 / 320	DEF AT first sample examined	DEF AT 2
500 / 500	DEF AT - - - - -	DEF AT 1
680 / 680	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
860 / 860	DEF AT - - - - -	DEF AT 1
1280 / 1280	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
1340 / 1340	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1460 / 1460	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
1820 / 1820	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1880 / 1880	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
2780 / 2780	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3020 / 3020	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
3380 / 3380	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3620 / 3620	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
3680 / 3680	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
4040 / 4040	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4280 / 4280	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5150 / 5150	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5600 / 5599	DEF AT pyrite	DEF AT 2
5960 / 5959	DEF AT pyrite	DEF AT 2
6260 / 6259	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6590 / 6589	DEF AT - - - - -	DEF AT 1
7070 / 7069	DEF AT local marker foram increase	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 948	Date of Summary: 31-AUG-1979	First Sample Examined: 320
Lease Number: G03215	Source of Paleo: OPERATOR	Borehole MD: 9200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9200
API Well Number: 427014001000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 320 - 9200	Water Depth: 126
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7130 / 7129	DEF AT -----	DEF AT 1
7280 / 7279	DEF AT local marker foram increase	DEF AT 2
7370 / 7369	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
7430 / 7429	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 2
7550 / 7549	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 2
7610 / 7609	DEF AT -----	DEF AT 1
7760 / 7759	DEF AT -----	DEF AT 2
7880 / 7879	DEF AT -----	DEF AT 1
8030 / 8029	DEF AT -----	DEF AT 2
8120 / 8119	DEF AT -----	DEF AT 1
8420 / 8419	DEF AT -----	DEF AT 2
8480 / 8479	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
9200 / 9199	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 955	Date of Summary: 29-OCT-1979	First Sample Examined: 360
Lease Number: G03216	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 427014000600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 360 - 10500	Water Depth: 130
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 /	DEF AT first sample examined	DEF AT 1
1440 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
1620 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1920 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2100 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
3060 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3120 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
3420 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3480 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
4320 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 2
4440 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
4590 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4770 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4830 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5250 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5490 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
5580 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
6030 /	DEF AT pyrite	DEF AT 2
6570 /	DEF AT calcite	DEF AT 2
6630 /	DEF AT pyrite	DEF AT 2
6750 /	DEF AT pyrite	DEF AT 2
6990 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 955	Date of Summary: 29-OCT-1979	First Sample Examined: 360
Lease Number: G03216	Source of Paleo: OPERATOR	Borehole MD: 10500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 427014000600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 360 - 10500	Water Depth: 130
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7290 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7500 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
7770 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7860 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7950 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8070 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8580 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
9210 /	POS AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 2
9810 /	DEF AT deepwater facies Abbeville Iberia	DEF AT 3
9870 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10170 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10500 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 957	Date of Summary: 05-JAN-1981	First Sample Examined: 1000
Lease Number: G04176	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 427014001300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1000 - 16990	Water Depth: 110
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT 1
1060 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1120 /	DEF AT - - - -	DEF AT 1
1300 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
1600 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
1720 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
1840 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
1900 /	DEF AT - - - -	DEF AT 1
2620 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
2680 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
2740 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
2860 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
3040 /	DEF AT - - - -	DEF AT 2
3160 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
3460 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
3520 /	DEF AT - - - -	DEF AT 2
4120 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
4530 /	DEF AT - - - -	DEF AT 3
4620 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
5010 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5160 /	DEF AT reefal material	DEF AT 2
5520 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 957	Date of Summary: 05-JAN-1981	First Sample Examined: 1000
Lease Number: G04176	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 427014001300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1000 - 16990	Water Depth: 110
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5670 /	DEF AT pyrite	DEF AT 1
5820 /	DEF AT -----	DEF AT 2
5850 /	DEF AT -----	DEF AT 1
5910 /	DEF AT pyrite	DEF AT
5911 /	POS AT unconformity	DEF AT
6060 /	DEF AT calcite	DEF AT 1
7380 /	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
7440 /	DEF AT -----	DEF AT 1
7740 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
8160 /	DEF AT -----	DEF AT 1
8460 /	DEF AT -----	DEF AT 2
8640 /	DEF IN Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
9060 /	DEF AT -----	DEF AT 1
9120 /	DEF AT -----	DEF AT 2
9540 /	DEF AT -----	DEF AT 3
9900 /	DEF AT deepwater facies Abbeville Iberia	DEF AT 4
10410 /	DEF AT -----	DEF AT 3
10620 /	DEF AT Oligocene Anahuac Formation/Provincial Stage	DEF AT 3
10650 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 3
11610 /	DEF AT Upper Oligocene (Chattian) Marginulina idiomorpha	DEF AT 3
11760 /	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT 3
12240 /	DEF AT Upper Oligocene (Chattian) Marginulina howei	DEF AT 4
12270 /	DEF AT -----	DEF AT 3
13750 /	DEF AT -----	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 957	Date of Summary: 05-JAN-1981	First Sample Examined: 1000
Lease Number: G04176	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17000
API Well Number: 427014001300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1000 - 16990	Water Depth: 110
Public Info Code: Y 21-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14800 /	DEF AT -----	DEF AT 3
15790 /	DEF AT -----	DEF AT 2
16480 /	DEF AT -----	DEF AT 3
16990 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 970	Date of Summary: 05-MAY-1987	First Sample Examined: 6020
Lease Number: G05959	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12977
API Well Number: 427134003700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4765 - 13200	Water Depth: 162
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5800	DEF AT first sample examined	DEF AT 3
6410 / 6190	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
6440 / 6220	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
7040 / 6820	DEF AT -----	DEF AT 2
7220 / 7000	DEF AT -----	DEF AT 3
7310 / 7090	DEF AT -----	DEF AT 2
7730 / 7510	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8750 / 8530	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9680 / 9460	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
10550 / 10330	DEF AT -----	DEF AT 3
10700 / 10480	DEF AT -----	DEF AT 2
10820 / 10600	DEF AT -----	DEF AT 3
11180 / 10960	DEF AT -----	DEF AT 2
11240 / 11020	DEF AT -----	DEF AT 3
11330 / 11110	DEF AT -----	DEF AT 4
11900 / 11679	DEF AT deepwater facies Abbeville Iberia	DEF AT 5
12020 / 11799	DEF AT -----	DEF AT 4
12170 / 11949	DEF AT -----	DEF AT 5
13200 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 970	Date of Summary: 05-MAY-1987	First Sample Examined: 4765
Lease Number: G05959	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13200
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 12977
API Well Number: 427134003700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 4765 - 13200	Water Depth: 162
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4765 / 4546	DEF AT first sample examined	DEF AT 2
4850 / 4631	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5120 / 4900	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5300 / 5080	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
5330 / 5110	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 2
5810 / 5590	DEF IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 2
6440 / 6220	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7040 / 6820	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
7729 / 7509	POS AT reworked material	DEF AT 3
7730 / 7510	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8750 / 8530	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9080 / 8860	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
9710 / 9490	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
10550 / 10330	DEF AT local marker foram increase	DEF AT 3
10820 / 10600	POS AT siltstone	DEF AT 3
11240 / 11020	DEF AT local marker planktic foram increase	DEF AT 3
11420 / 11200	DEF AT local marker deep water fauna	DEF AT 4
11540 / 11320	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11900 / 11679	POS AT deepwater facies Abbeville Iberia	DEF AT 5
13200 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 975	Date of Summary: 22-APR-1985	First Sample Examined: 0
Lease Number: G05961	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12515
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12502
API Well Number: 427134004100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1110 /	POS AT Lower Pleistocene	DEF AT
1870 /	POS AT Pliocene	DEF AT
2680 /	POS AT Upper (Late) Miocene	DEF AT
5650 /	POS AT Lower (Early) Miocene	DEF AT
12300 /	POS AT Oligocene Anahuac Formation/Provincial Stage	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1008	Date of Summary: 05-MAR-1987	First Sample Examined: 5490
Lease Number: G05956	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13985
API Well Number: 427014002500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4520 - 14000	Water Depth: 115
Public Info Code: Y 21-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5490 /	DEF AT first sample examined	DEF AT 2
5760 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
5820 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
7950 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8130 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
9560 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 2
10760 /	DEF AT - - - - -	DEF AT 3
11060 /	DEF AT deepwater facies Abbeville Iberia	DEF AT 3
11330 /	DEF AT - - - - -	DEF AT 5
11810 /	DEF AT - - - - -	DEF AT 4
13430 /	DEF AT - - - - -	DEF AT 5
13640 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF AT 5
13700 /	DEF AT - - - - -	DEF AT 4
14000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1010	Date of Summary: 17-NOV-1976	First Sample Examined: 800
Lease Number: G03220	Source of Paleo: OPERATOR	Borehole MD: 11185
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8795
API Well Number: 427014000400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 4	Sample Range: 800 - 8150	Water Depth: 126
Public Info Code: Y 03-DEC-1980	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
800 / 800	DEF AT first sample examined	DEF AT 3
1250 / 1248	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
2030 / 1958	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
2360 / 2219	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 4
2960 / 2677	DEF AT faunal change (no faunal increase)	DEF AT 3
3080 / 2767	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3200 / 2854	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
4160 / 3563	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4570 / 3867	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
5520 / 4584	DEF AT faunal change (no faunal increase)	DEF AT 4
5580 / 4630	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
6270 / 5156	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
6690 / 5476	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7200 / 5863	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
7430 / 6033	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
8060 / 6497	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
8150 / 6564	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1010	Date of Summary: 17-NOV-1976	First Sample Examined: 8870
Lease Number: G03220	Source of Paleo: OPERATOR	Borehole MD: 11185
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8795
API Well Number: 427014000400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 4	Sample Range: 8870 - 11150	Water Depth: 126
Public Info Code: Y 03-DEC-1980	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8870 / 7110	DEF AT first sample examined	DEF AT 5
8871 / 7111	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
10070 / 7999	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 5
10430 / 8259	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
10820 / 8541	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
11150 / 8782	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1010	Date of Summary: 03-OCT-1982	First Sample Examined: 798
Lease Number: G03220	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11185
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8795
API Well Number: 427014000400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 3 of 4	Sample Range: 798 - 8172	Water Depth: 126
Public Info Code: Y 03-DEC-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
798 / 798	DEF AT first sample examined	DEF AT
920 / 920	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1220 / 1219	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1250 / 1248	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1340 / 1336	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1700 / 1675	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
1970 / 1908	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
2600 / 2403	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
3080 / 2767	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
3140 / 2810	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
3770 / 3275	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
4130 / 3541	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
4960 / 4160	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 3
5280 / 4401	DEF AT local marker planktic foram increase	DEF AT 3
5970 / 4928	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
6450 / 5293	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
6690 / 5476	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
7170 / 5841	POS IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 3
7370 / 5989	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 3
7430 / 6033	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
8172 / 6580	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1010	Date of Summary: 03-OCT-1982	First Sample Examined: 7226
Lease Number: G03220	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11185
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8795
API Well Number: 427014000400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 4 of 4	Sample Range: 7226 - 11180	Water Depth: 126
Public Info Code: Y 03-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 005

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7226 / 5882	DEF AT first sample examined	DEF AT 3
7227 / 5883	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7460 / 6056	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
8270 / 6654	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
8600 / 6902	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
8720 / 6994	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
8870 / 7110	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9230 / 7385	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
10040 / 7977	POS IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
10430 / 8259	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
10730 / 8475	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
11180 / 8804	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1010	Date of Summary: 04-SEP-1980	First Sample Examined: 4350
Lease Number: G03220	Source of Paleo: OPERATOR	Borehole MD: 11990
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10017
API Well Number: 427014001200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4350 - 11970	Water Depth: 131
Public Info Code: Y 03-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4350 / 4003	DEF AT first sample examined	DEF AT
4351 / 4003	DEF AT cement	DEF AT
4470 / 4091	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
5100 / 4594	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
5310 / 4764	DEF AT - - - - -	DEF AT 4
5400 / 4838	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
5520 / 4936	DEF AT local marker foram increase	DEF AT 4
5850 / 5209	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
6030 / 5349	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
7110 / 6174	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
8280 / 7085	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
8490 / 7254	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
8910 / 7595	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
9690 / 8205	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
10950 / 9171	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
11970 / 10001	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN 1021	Date of Summary: 14-OCT-1983	First Sample Examined: 3230
Lease Number: G05164	Source of Paleo: OPERATOR	Borehole MD: 11740
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10472
API Well Number: 427014002200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 3230 - 11780	Water Depth: 108
Public Info Code: Y 17-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3230 / 3077	DEF AT first sample examined	DEF AT 1
3231 / 3078	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
3232 / 3079	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 1
3590 / 3389	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 1
3830 / 3596	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
4759 / 4391	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
4760 / 4391	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
4970 / 4571	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
5000 / 4597	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
5150 / 4726	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
6230 / 5657	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6950 / 6279	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8000 / 7186	DEF AT faunal change (no faunal increase)	DEF AT 2
8750 / 7834	DEF AT faunal change (no faunal increase)	DEF AT 3
9980 / 8886	DEF AT faunal change (no faunal increase)	DEF AT 2
11360 / 10076	DEF AT faunal change (no faunal increase)	DEF AT 3
11510 / 10208	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11780 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 10	Date of Summary: 30-JUL-1981	First Sample Examined: 1050
Lease Number: G04062	Source of Paleo: OPERATOR	Borehole MD: 9084
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9084
API Well Number: 427134002500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1050 - 9100	Water Depth: 202
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 /	DEF AT first sample examined	DEF AT
1079 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
1080 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
1590 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
2180 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
2300 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
2510 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
3230 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3530 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
4128 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
4129 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
4130 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
4399 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
4400 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
4460 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
4850 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
5840 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
6647 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
7239 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
7811 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
8080 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
8081 /	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 10	Date of Summary: 30-JUL-1981	First Sample Examined: 1050
Lease Number: G04062	Source of Paleo: OPERATOR	Borehole MD: 9084
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9084
API Well Number: 427134002500	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1050 - 9100	Water Depth: 202
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 29	Date of Summary: 22-AUG-1984	First Sample Examined: 4600
Lease Number: G05968	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16000
API Well Number: 427134003500	Drilling Operator: CONOCO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4600 - 16000	Water Depth: 228
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 /	DEF AT first sample examined	DEF AT 1
4869 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
4870 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
4960 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
5380 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
5530 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
5630 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 2
6250 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6820 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
7840 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
8590 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
8770 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
9550 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10930 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11920 /	DEF AT faunal change (no faunal increase)	DEF AT 2
13150 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
13480 /	DEF AT poor sample interval top	DEF AT
15999 /	DEF AT poor sample interval bottom	DEF AT
16000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 30	Date of Summary: 08-OCT-1984	First Sample Examined: 4730
Lease Number: G05969	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17500
API Well Number: 427134003600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4730 - 17500	Water Depth: 257
Public Info Code: Y 29-SEP-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4730 /	DEF AT first sample examined	DEF AT
5180 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6830 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
8690 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9440 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10820 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
12860 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13730 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT
17500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 44	Date of Summary: 04-SEP-1976	First Sample Examined: 1000
Lease Number: G02996	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11026
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10985
API Well Number: 427134000100	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1000 - 11010	Water Depth: 212
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1001 / 1001	DEF AT local marker planktic foram increase	DEF IN 2
1060 / 1060	POS IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 2
1150 / 1150	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1360 / 1360	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
1690 / 1690	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
1780 / 1780	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
1870 / 1870	DEF AT pyrite	DEF AT 2
2200 / 2200	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2410 / 2410	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
2500 / 2500	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
2530 / 2530	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 2
2740 / 2740	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
3400 / 3400	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
4170 / 4170	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
4319 / 4319	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
4320 / 4320	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
4620 / 4620	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
4890 / 4890	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
5130 / 5130	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
5880 / 5874	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
6240 / 6228	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 44	Date of Summary: 04-SEP-1976	First Sample Examined: 1000
Lease Number: G02996	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11026
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10985
API Well Number: 427134000100	Drilling Operator: ASHLAND OIL INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1000 - 11010	Water Depth: 212
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6642	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
6930 / 6910	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7530 / 7505	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7770 / 7742	DEF IN Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
8010 / 7981	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
8100 / 8071	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
9000 / 8968	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9450 / 9417	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10200 / 10164	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
11010 / 10969	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 45	Date of Summary: 06-JUL-1979	First Sample Examined: 1000
Lease Number: G02997	Source of Paleo: OPERATOR	Borehole MD: 7400
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7400
API Well Number: 427134000800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7390	Water Depth: 224
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 4
1001 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
1270 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
1750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
2860 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
3069 /	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 3
3070 /	POS AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 3
3610 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
3910 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
5109 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
5110 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
5230 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
5530 /	DEF AT faunal change (no faunal increase)	DEF AT 5
5680 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
5830 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
5950 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
7180 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
7330 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
7390 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 53	Date of Summary: 10-JUL-1989	First Sample Examined: 1500
Lease Number: G07154	Source of Paleo: OPERATOR	Borehole MD: 11215
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11215
API Well Number: 427134004300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1500 - 11176	Water Depth: 418
Public Info Code: Y 29-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF AT 3
1501 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2016 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2909 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3822 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
4524 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5947 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7870 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
8431 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8834 /	POS AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 3
9670 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
10389 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11176 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 53	Date of Summary: 25-JAN-1990	First Sample Examined: 1500
Lease Number: G07154	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11215
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11215
API Well Number: 427134004300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1500 - 11176	Water Depth: 418
Public Info Code: Y 29-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 /	DEF AT first sample examined	DEF AT 3
1501 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
1614 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
1769 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
1891 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
1892 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2076 /	DEF AT local marker foram decrease	DEF AT 3
2169 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2230 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
2907 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
3000 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3402 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
3702 /	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
3822 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
3975 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
4524 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5205 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
5762 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
6381 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
7870 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8153 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
8431 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PN A 53	Date of Summary: 25-JAN-1990	First Sample Examined: 1500
Lease Number: G07154	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11215
Well Name: 001	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11215
API Well Number: 427134004300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1500 - 11176	Water Depth: 418
Public Info Code: Y 29-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
8865 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
9204 /	DEF AT deepwater facies Harang	DEF AT 5
9451 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
9731 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
9952 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
10358 /	DEF AT deepwater facies Pontchartrain	DEF AT 5
10547 /	DEF AT local marker foram decrease	DEF AT 5
10767 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 5
11050 /	DEF AT local marker planktic foram increase	DEF AT 5
11176 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1051	Date of Summary: 20-JUL-1982	First Sample Examined: 1560
Lease Number: G03722	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11759
API Well Number: 427004000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 4	Sample Range: 1560 - 8095	Water Depth: 117
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report, 3540=Discoaster braarudi and rare Helicosphaera rhomba

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1559	DEF AT first sample examined	DEF AT
1561 / 1560	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
2220 / 2219	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT
2280 / 2279	POS AT Lower Pliocene (Zanclian) Discoaster variabilis	DEF AT
2340 / 2339	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
3060 / 3059	DEF AT poor sample interval top	DEF AT
3239 / 3238	DEF AT poor sample interval bottom	DEF AT
3240 / 3239	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT
3241 / 3240	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
3540 / 3539	DEF AT local marker floral increase	DEF AT
3720 / 3719	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
4680 / 4650	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
4860 / 4815	DEF AT Upper Miocene (Tortonian) Catinaster coalitus	DEF AT
5790 / 5679	POS AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
6060 / 5932	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
6990 / 6797	DEF AT local marker floral increase	DEF AT
7110 / 6909	DEF AT local marker floral increase	DEF AT
7200 / 6992	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
8095 / 7819	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1051	Date of Summary: 26-JUL-1982	First Sample Examined: 300
Lease Number: G03722	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11759
API Well Number: 427004000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 4	Sample Range: 300 - 8130	Water Depth: 117
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
300 / 300	DEF AT first sample examined	DEF AT 1
301 / 301	DEF AT local marker benthic foram increase	DEF AT 1
600 / 600	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
780 / 779	DEF AT - - - - -	DEF AT 2
900 / 899	DEF AT - - - - -	DEF AT 1
1020 / 1019	DEF AT local marker benthic foram increase	DEF AT 2
1560 / 1559	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1680 / 1679	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
1860 / 1859	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
2040 / 2039	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
2220 / 2219	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
2460 / 2459	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
2820 / 2819	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
3720 / 3719	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
4200 / 4198	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
4380 / 4373	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4680 / 4650	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
4860 / 4815	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5400 / 5315	DEF AT local marker benthic foram increase	DEF AT 2
5880 / 5763	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
6509 / 6351	POS AT deepwater facies Cyclammina	DEF AT 3
6510 / 6352	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1051	Date of Summary: 26-JUL-1982	First Sample Examined: 300
Lease Number: G03722	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11759
API Well Number: 427004000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 2 of 4	Sample Range: 300 - 8130	Water Depth: 117
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6780 / 6603	DEF AT local marker benthic foram increase	DEF AT 3
7020 / 6825	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7320 / 7103	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7350 / 7131	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
7500 / 7270	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8130 / 7851	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1051	Date of Summary: 22-SEP-1982	First Sample Examined: 4340
Lease Number: G03722	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11759
API Well Number: 427004000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 3 of 4	Sample Range: 4340 - 12800	Water Depth: 117
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report for sidetrack 1

MD / TVD	Paleo Top Description	Ecozone
4340 / 4335	DEF AT first sample examined	DEF AT
6140 / 6006	DEF AT Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
6230 / 6090	DEF AT Middle Miocene (Serravallian) Coccolithus miopelagicus	DEF AT
6830 / 6649	POS IN Middle Miocene (Serravallian) Discoaster kugleri	DEF AT
7580 / 7344	DEF AT sample gap top	DEF AT
7900 / 7640	DEF AT sample gap bottom	DEF AT
8330 / 8033	DEF AT local marker foram decrease	DEF AT
8390 / 8087	DEF IN Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
10290 / 9689	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
12590 /	DEF AT sample gap top	DEF AT
12680 /	DEF AT sample gap bottom	DEF AT
12800 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1051	Date of Summary: 12-NOV-1982	First Sample Examined: 7010
Lease Number: G03722	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11759
API Well Number: 427004000300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 114
Paleo Report Num: 4 of 4	Sample Range: 3890 - 12800	Water Depth: 117
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7010 / 6816	DEF AT first sample examined	DEF AT 3
7011 / 6817	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7130 / 6927	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7400 / 7178	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7580 / 7344	DEF AT sample gap top	POS AT 3
7900 / 7640	DEF AT sample gap bottom	DEF AT 3
8120 / 7842	DEF AT - - - - -	DEF AT 2
8360 / 8060	DEF AT - - - - -	DEF AT 3
9800 / 9290	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
10130 / 9562	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
10940 / 10237	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
11270 / 10516	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11540 /	DEF AT cement	DEF AT 2
11600 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
12800 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1052	Date of Summary: 20-FEB-1977	First Sample Examined: 1480
Lease Number: G02979	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12500
API Well Number: 427004000100	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1480 - 12520	Water Depth: 128
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1480 /	DEF AT first sample examined	DEF IN 3
1481 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
1599 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
1600 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 3
1960 /	DEF AT pyrite	DEF IN 3
2200 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
2320 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
2440 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3170 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
3430 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
4300 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
4360 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5080 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6420 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
6670 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 3
6730 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 3
7360 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 3
7420 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 3
7869 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 3
7870 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 3
8740 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
9310 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1052	Date of Summary: 20-FEB-1977	First Sample Examined: 1480
Lease Number: G02979	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12500
API Well Number: 427004000100	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1480 - 12520	Water Depth: 128
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9460 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9490 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
10000 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
10270 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11650 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12160 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
12520 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1133	Date of Summary: 15-SEP-1986	First Sample Examined: 5380
Lease Number: G07131	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 427004000600	Drilling Operator: OCCIDENTAL PETROLEUM CORPORATI	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5380 - 8500	Water Depth: 126
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5380 /	DEF AT first sample examined	DEF AT 2
5381 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 2
5620 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
5890 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
5920 /	DEF AT - - - - -	DEF AT 3
6460 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
6520 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7510 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
8260 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
8500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1154	Date of Summary: 11-JAN-1977	First Sample Examined: 1020
Lease Number: G02982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10002
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10002
API Well Number: 427004000200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1020 - 10002	Water Depth: 134
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1020 /	DEF AT first sample examined	DEF IN 3
1021 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
1230 /	DEF AT pyrite	DEF IN 3
1290 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
1770 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
1950 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praeahirsuta	DEF AT 3
2040 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
2189 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
2190 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
2580 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
2880 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
3089 /	DEF AT pyrite	DEF AT 3
3090 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
3240 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
3330 /	DEF AT sample gap top	POS AT 3
3719 /	DEF AT sample gap bottom	DEF AT 3
3720 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3780 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
3929 /	DEF IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 3
3930 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
4110 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
4520 /	POS IN Upper Miocene (Messinian) Globorotalia juanai	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1154	Date of Summary: 11-JAN-1977	First Sample Examined: 1020
Lease Number: G02982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10002
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10002
API Well Number: 427004000200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1020 - 10002	Water Depth: 134
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4610 /	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
4640 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
4850 /	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
5180 /	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
5420 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
5540 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
5930 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
6590 /	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 4
6830 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
7070 /	DEF AT Bathysiphon fauna	DEF IN 4
7310 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF IN 4
7550 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
7640 /	DEF AT pyrite	DEF AT 5
7820 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
7910 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
7940 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6
8150 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 6
8390 /	DEF AT local marker planktic foram increase	DEF AT 6
8930 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
9140 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
9290 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
9410 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
9560 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 6
9590 /	DEF AT pyrite	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS 1154	Date of Summary: 11-JAN-1977	First Sample Examined: 1020
Lease Number: G02982	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10002
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10002
API Well Number: 427004000200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 1020 - 10002	Water Depth: 134
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9620 /	POS AT Middle Miocene (Langhian) Cibicides 38	DEF AT 6
10002 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 39	Date of Summary: 08-JUN-1976	First Sample Examined: 960
Lease Number: G02986	Source of Paleo: OPERATOR	Borehole MD: 9400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 427144000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 960 - 9390	Water Depth: 249
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
960 /	DEF AT first sample examined	DEF AT
3860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4860 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6690 /	POS IN Upper (Late) Miocene	DEF AT
7700 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
7800 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9155 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
9390 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 39	Date of Summary: 19-APR-1977	First Sample Examined: 960
Lease Number: G02986	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9400
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9400
API Well Number: 427144000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 960 - 9390	Water Depth: 249
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
960 /	DEF AT first sample examined	DEF AT 3
1090 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1495 /	DEF AT pyrite	DEF AT 3
1945 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2440 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2575 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
2710 /	DEF AT pyrite	DEF AT 4
2980 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3115 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praeahirsuta	DEF AT 4
3290 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
3725 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
3726 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
3860 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
3899 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3900 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
3944 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
3945 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
4190 /	DEF AT pyrite	DEF AT 4
4270 /	DEF AT faunal change (no faunal increase)	DEF AT 5
4590 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
4860 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 39	Date of Summary: 19-APR-1977	First Sample Examined: 960
Lease Number: G02986	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9400
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9400
API Well Number: 427144000200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 960 - 9390	Water Depth: 249
Public Info Code: Y 31-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
5030 /	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
5320 /	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
5360 /	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
5880 /	DEF AT pyrite	DEF AT 5
5920 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
6000 /	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
6690 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
6730 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
6930 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 6
7450 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
7585 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
7670 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
7755 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 6
8150 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
8275 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
9115 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
9390 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 57	Date of Summary: 15-JAN-1979	First Sample Examined: 1200
Lease Number: G02992	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8607
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8607
API Well Number: 427144000300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1200 - 8610	Water Depth: 248
Public Info Code: Y 29-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF IN 3
1500 /	POS AT local marker foram increase	DEF IN 3
1860 /	DEF IN Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 4
2430 /	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2520 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2700 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
2820 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
2940 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
3450 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
3480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3600 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
3750 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
3810 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3990 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
4380 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
4409 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
4410 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
4950 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
4980 /	DEF IN Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
5340 /	DEF AT local marker benthic foram increase	DEF AT 6
5820 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
6540 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 57	Date of Summary: 15-JAN-1979	First Sample Examined: 1200
Lease Number: G02992	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8607
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8607
API Well Number: 427144000300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 1200 - 8610	Water Depth: 248
Public Info Code: Y 29-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 /	DEF AT glauconite	DEF AT 6
6750 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
6900 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
6990 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
7170 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
7260 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 6
7980 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 6
8100 /	DEF AT local marker planktic foram increase	DEF AT 6
8610 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 71	Date of Summary: 16-APR-1985	First Sample Examined: 1400
Lease Number: G04530	Source of Paleo: OPERATOR	Borehole MD: 13980
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13432
API Well Number: 427144000400	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 1400 - 13980	Water Depth: 192
Public Info Code: Y 30-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1400 / 1400	DEF AT first sample examined	DEF AT 5
1490 / 1490	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
3169 / 3169	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3170 / 3170	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 5
3290 / 3290	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
5040 / 5039	DEF AT - - - -	DEF AT 6
5068 / 5067	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
5069 / 5068	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
5070 / 5069	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
5071 / 5070	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 6
5220 / 5219	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
6690 / 6689	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 7
7410 / 7398	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 7
7650 / 7629	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 7
7980 / 7937	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 7
8070 / 8021	POS AT deepwater facies Pontchartrain	DEF AT 7
9780 / 9642	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 7
10470 / 10287	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 7
13770 / 13254	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 7
13980 / 13437	DEF AT last sample examined	DEF AT 7

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: PS A 71	Date of Summary: 16-APR-1985	First Sample Examined: 9510
Lease Number: G04530	Source of Paleo: OPERATOR	Borehole MD: 13980
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13432
API Well Number: 427144000400	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 9510 - 14766	Water Depth: 192
Public Info Code: Y 30-NOV-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9386	DEF AT first sample examined	DEF AT 7
9960 / 9812	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 7
10380 / 10204	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 7
14766 /	DEF AT last sample examined	DEF AT 7

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 3	Date of Summary: 26-OCT-1983	First Sample Examined: 0
Lease Number: G04145	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15434
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14031
API Well Number: 177314005300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 133
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 14-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9600 / 8873	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10410 / 9582	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10680 / 9818	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
11400 / 10440	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 7	Date of Summary: 04-OCT-1984	First Sample Examined: 0
Lease Number: G03956	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15981
API Well Number: 177314005400	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 116
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 17-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 / 8549	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
8940 / 8939	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9270 / 9269	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10110 / 10109	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 8	Date of Summary: 06-DEC-1979	First Sample Examined: 0
Lease Number: G03957	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14285
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12117
API Well Number: 177314000400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 36
Public Info Code: Y 28-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7961 / 6896	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
11285 / 9723	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11748 / 10096	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 11	Date of Summary: 23-FEB-1983	First Sample Examined: 9735
Lease Number: G04377	Source of Paleo: OPERATOR	Borehole MD: 14570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13320
API Well Number: 177314005100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 132
Paleo Report Num: 1 of 2	Sample Range: 9735 - 12245	Water Depth: 31
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9735 / 9111	DEF AT first sample examined	DEF AT
12245 / 11215	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 11	Date of Summary: 22-JUN-1983	First Sample Examined: 11494
Lease Number: G04377	Source of Paleo: OPERATOR	Borehole MD: 14570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13320
API Well Number: 177314005100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 132
Paleo Report Num: 2 of 2	Sample Range: 11494 - 14570	Water Depth: 31
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark: Bypass 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11494 / 10587	DEF AT first sample examined	DEF AT
14060 / 12850	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
14570 / 13314	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 14	Date of Summary: 10-APR-1986	First Sample Examined: 0
Lease Number: G04378	Source of Paleo: OPERATOR	Borehole MD: 15904
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15904
API Well Number: 177314005900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 12-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7881 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8072 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9006 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10130 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10650 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
13050 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
15780 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SA 15	Date of Summary: 28-JAN-1986	First Sample Examined: 0
Lease Number: G04746	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12924
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12115
API Well Number: 177314006100	Drilling Operator: CONOCO INC	Rkb Elevation: 124
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10580 / 10047	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 10	Date of Summary: 21-JAN-1969	First Sample Examined: 3490
Lease Number: G01181	Source of Paleo: OPERATOR	Borehole MD: 9510
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 9505
API Well Number: 177070050100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3490 - 9510	Water Depth: 65
Public Info Code: Y 03-OCT-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3490 / 3490	DEF AT first sample examined	DEF AT
4090 / 4090	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7870 / 7866	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9510 / 9504	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 10	Date of Summary: 21-JAN-1969	First Sample Examined: 11660
Lease Number: G01181	Source of Paleo: OPERATOR	Borehole MD: 16036
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 15734
API Well Number: 177070050600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 11660 - 16026	Water Depth: 65
Public Info Code: Y 27-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11660 / 11484	DEF AT first sample examined	DEF AT
13110 / 12887	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13111 / 12888	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14420 / 14133	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
16026 / 15733	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 10	Date of Summary: 21-JAN-1969	First Sample Examined: 9910
Lease Number: G01181	Source of Paleo: OPERATOR	Borehole MD: 11176
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 10886
API Well Number: 177070051000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 9910 - 11241	Water Depth: 65
Public Info Code: Y 17-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9910 / 9633	DEF AT first sample examined	DEF AT
11190 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11191 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11241 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 10	Date of Summary: 30-APR-1969	First Sample Examined: 11400
Lease Number: G01181	Source of Paleo: OPERATOR	Borehole MD: 13150
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 12057
API Well Number: 177072000000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 11400 - 13150	Water Depth: 72
Public Info Code: Y 18-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 / 10447	DEF AT first sample examined	DEF AT
11401 / 10448	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13150 / 12109	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 15	Date of Summary: 04-JUN-1986	First Sample Examined: 620
Lease Number: G01183	Source of Paleo: OPERATOR	Borehole MD: 12175
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12175
API Well Number: 177070035200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 620 - 12175	Water Depth: 84
Public Info Code: Y 31-MAY-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
620 /	DEF AT first sample examined	DEF AT
4060 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7900 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
8020 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8800 /	DEF AT Cyclammina sp. (local marker)	DEF AT
12175 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 15	Date of Summary: 04-JUN-1986	First Sample Examined: 8980
Lease Number: G01183	Source of Paleo: OPERATOR	Borehole MD: 11641
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11641
API Well Number: 177070039400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 8980 - 11641	Water Depth: 80
Public Info Code: Y 31-MAY-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 /	DEF AT first sample examined	DEF AT
8981 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10690 /	DEF AT Cyclammina sp. (local marker)	DEF AT
11641 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 16	Date of Summary: 02-JUL-1985	First Sample Examined: 10010
Lease Number: G01184	Source of Paleo: OPERATOR	Borehole MD: 14266
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14266
API Well Number: 177070031800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 35
Paleo Report Num: 1 of 2	Sample Range: 10010 - 12210	Water Depth: 82
Public Info Code: Y 20-FEB-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 /	DEF AT first sample examined	DEF AT
11810 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12210 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 16	Date of Summary: 02-JUL-1985	First Sample Examined: 12220
Lease Number: G01184	Source of Paleo: OPERATOR	Borehole MD: 14266
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14266
API Well Number: 177070031800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 35
Paleo Report Num: 2 of 2	Sample Range: 12220 - 14268	Water Depth: 82
Public Info Code: Y 20-FEB-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 /	DEF AT first sample examined	DEF AT 3
12201 /	DEF IN poor sample interval top	DEF AT 3
13780 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
14267 /	DEF AT poor sample interval bottom	DEF AT 3
14268 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 16	Date of Summary: 06-OCT-1972	First Sample Examined: 6010
Lease Number: G01184	Source of Paleo: OPERATOR	Borehole MD: 12405
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11094
API Well Number: 177074003100	Drilling Operator: DIXILYN CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6010 - 12390	Water Depth: 84
Public Info Code: Y 05-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6010 / 6007	DEF AT first sample examined	DEF AT
7060 / 7004	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7690 / 7547	DEF AT local marker benthic foram increase	DEF AT
9030 / 8580	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
10500 / 9603	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
11039 / 10032	DEF AT Cyclamina sp. (local marker)	DEF AT
11040 / 10033	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12060 / 10838	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
12390 / 11096	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 16	Date of Summary: 13-OCT-1972	First Sample Examined: 5550
Lease Number: G01184	Source of Paleo: OPERATOR	Borehole MD: 10065
Well Name: 009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10065
API Well Number: 177074003101	Drilling Operator: DIXILYN CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5550 - 9900	Water Depth: 84
Public Info Code: Y 14-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5550 /	DEF AT first sample examined	DEF AT
7050 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
7350 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8220 /	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
8250 /	DEF AT sample gap top	DEF AT
8780 /	DEF AT sample gap bottom	DEF AT
9089 /	DEF AT Cyclamina sp. (local marker)	DEF AT
9090 /	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
9900 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 17	Date of Summary: 28-MAR-1967	First Sample Examined: 5980
Lease Number: G01185	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177070038500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 5980 - 9060	Water Depth: 82
Public Info Code: Y 28-APR-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 /	DEF AT first sample examined	DEF AT
5981 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8020 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9060 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 23	Date of Summary: 30-OCT-1986	First Sample Examined: 8500
Lease Number: 00778	Source of Paleo: OPERATOR	Borehole MD: 13982
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13982
API Well Number: 177070012800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 8500 - 13950	Water Depth: 80
Public Info Code: Y 20-SEP-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8500 /	DEF AT first sample examined	DEF AT 2
10310 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11000 /	DEF AT - - - - -	DEF AT 3
12200 /	DEF AT - - - - -	DEF AT 4
13250 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13950 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 28	Date of Summary: 14-MAY-1969	First Sample Examined: 8500
Lease Number: G01188	Source of Paleo: OPERATOR	Borehole MD: 15180
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14278
API Well Number: 177070019000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 8500 - 15180	Water Depth: 89
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8411	DEF AT first sample examined	DEF AT
8501 / 8412	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14400 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14401 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15180 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 29	Date of Summary: 13-NOV-1991	First Sample Examined: 9180
Lease Number: G01189	Source of Paleo: OPERATOR	Borehole MD: 14305
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14305
API Well Number: 177070028100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 9180 - 14305	Water Depth: 96
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9180 /	DEF AT first sample examined	DEF AT
9750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14305 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 35	Date of Summary: 30-JAN-1962	First Sample Examined: 3000
Lease Number: 00781	Source of Paleo: OPERATOR	Borehole MD: 15200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15200
API Well Number: 177070014500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 3000 - 15170	Water Depth: 78
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
5340 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6480 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8640 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14710 /	DEF AT gray shale	DEF AT
15170 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 35	Date of Summary: 23-MAR-1962	First Sample Examined: 6000
Lease Number: 00781	Source of Paleo: OPERATOR	Borehole MD: 15478
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15478
API Well Number: 177070014600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 6000 - 15480	Water Depth: 86
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT
6390 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15120 /	DEF AT gray shale	DEF AT
15480 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 35	Date of Summary: 20-AUG-1979	First Sample Examined: 6000
Lease Number: 00781	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177074020100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 6000 - 16000	Water Depth: 86
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 1
6001 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 1
6960 /	DEF AT - - - - -	DEF AT 2
8010 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8220 /	DEF AT - - - - -	DEF AT 2
8280 /	DEF AT - - - - -	DEF AT 1
10140 /	DEF AT - - - - -	DEF AT 2
11890 /	DEF AT - - - - -	DEF AT 3
12010 /	DEF AT - - - - -	DEF AT 2
12520 /	DEF AT - - - - -	DEF AT 3
12610 /	DEF AT - - - - -	POS AT 3
13090 /	DEF AT - - - - -	DEF AT 3
13270 /	DEF AT - - - - -	DEF AT 2
13900 /	DEF AT - - - - -	DEF AT 3
14420 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
15280 /	DEF AT - - - - -	DEF AT 4
16000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 35	Date of Summary: 20-FEB-1980	First Sample Examined: 6000
Lease Number: 00781	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 005	Paleo Done By: GAY LARRE'	Borehole TVD: 16000
API Well Number: 177074020100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 6000 - 16000	Water Depth: 86
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT 2
6059 /	DEF AT foram flood	DEF AT 2
6060 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6660 /	DEF AT local marker benthic foram increase	DEF AT 2
6690 /	DEF AT local marker foram decrease	DEF AT 2
7770 /	POS AT Eggerella 3 (local marker)	DEF AT 2
7950 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
8010 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8310 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
8610 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
8700 /	DEF AT local marker benthic foram increase	DEF AT 2
8850 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8950 /	DEF AT local marker foram decrease	DEF AT 2
9060 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
9240 /	DEF AT local marker foram decrease	DEF AT 2
9450 /	DEF IN Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
9480 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
10140 /	DEF AT foram flood	DEF AT 2
10260 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
10410 /	DEF AT local marker benthic foram increase	DEF AT 2
10930 /	DEF AT Bathysiphon fauna	DEF AT 3
11050 /	DEF AT local marker foram decrease	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 35	Date of Summary: 20-FEB-1980	First Sample Examined: 6000
Lease Number: 00781	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 005	Paleo Done By: GAY LARRE'	Borehole TVD: 16000
API Well Number: 177074020100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 6000 - 16000	Water Depth: 86
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11140 /	DEF AT sample gap top	POS AT 3
11339 /	DEF AT sample gap bottom	DEF AT 3
11340 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11560 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11590 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
11888 /	DEF AT foram flood	DEF AT 4
11889 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
11890 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
12190 /	DEF AT Bathysiphon fauna	DEF AT 4
12520 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
12550 /	DEF AT Bathysiphon fauna	DEF AT 4
12580 /	POS IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
13090 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13150 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
13180 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
13240 /	DEF AT Bathysiphon fauna	DEF AT 4
13300 /	DEF AT local marker foram decrease	DEF AT 4
13899 /	DEF AT foram flood	DEF AT 4
13900 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14320 /	DEF AT local marker deep water fauna	DEF AT 5
14500 /	DEF AT local marker foram decrease	DEF AT 5
15160 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
15280 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 5
15310 /	DEF AT foram flood	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 35	Date of Summary: 20-FEB-1980	First Sample Examined: 6000
Lease Number: 00781	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 005	Paleo Done By: GAY LARRE'	Borehole TVD: 16000
API Well Number: 177074020100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 6000 - 16000	Water Depth: 86
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15710 /	DEF AT local marker foram decrease	DEF IN 5
15970 /	DEF AT foram flood	DEF IN 5
16000 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 37	Date of Summary: 31-JUL-1962	First Sample Examined: 3110
Lease Number: 00783	Source of Paleo: OPERATOR	Borehole MD: 14010
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14010
API Well Number: 177070015500	Drilling Operator: CONOCO INC	Rkb Elevation: 67
Paleo Report Num: 1 of 2	Sample Range: 3110 - 14010	Water Depth: 98
Public Info Code: Y 30-APR-1965	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3110 /	DEF AT first sample examined	DEF AT
3950 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
4760 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6350 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
7400 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
7789 /	DEF AT Eggerella sp. (local marker)	DEF AT
7790 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
8940 /	DEF AT Cyclamina sp. (local marker)	DEF AT
10000 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
10290 /	DEF AT Cyclamina sp. (local marker)	DEF AT
10740 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT
11100 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
12170 /	DEF AT Arenaceous fauna (local marker)	DEF AT
13729 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT
13730 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT
14010 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 37	Date of Summary: 20-APR-1988	First Sample Examined: 3100
Lease Number: 00783	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 13500
API Well Number: 177070024600	Drilling Operator: CONOCO INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3100 - 13520	Water Depth: 98
Public Info Code: Y 30-APR-1965	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3100 /	DEF AT first sample examined	DEF AT 1
3101 /	DEF AT shell fragments	DEF AT 1
3102 /	DEF AT poor sample interval top	DEF AT 1
4620 /	DEF AT sample gap top	POS AT 1
4710 /	DEF AT sample gap bottom	DEF AT 1
4770 /	DEF AT sample gap top	POS AT 1
5010 /	DEF AT sample gap bottom	DEF AT 1
5340 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6510 /	POS AT local marker benthic foram increase	DEF AT 2
7200 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7470 /	DEF AT oxidized shale	DEF AT 2
7740 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8340 /	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8550 /	DEF AT sample gap top	POS AT 3
8880 /	DEF AT sample gap bottom	DEF AT 3
8910 /	DEF AT oxidized shale	DEF AT 3
9000 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
9210 /	DEF AT drilling material	DEF AT 2
9300 /	DEF AT poor sample interval bottom	DEF AT
9600 /	DEF AT local marker benthic foram increase	DEF AT 3
9630 /	DEF AT faunal change (no faunal increase)	DEF IN 2
9750 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 37	Date of Summary: 20-APR-1988	First Sample Examined: 3100
Lease Number: 00783	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 13500
API Well Number: 177070024600	Drilling Operator: CONOCO INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3100 - 13520	Water Depth: 98
Public Info Code: Y 30-APR-1965	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9840 /	DEF AT local marker foram decrease	DEF AT 3
9900 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
9930 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 3
9960 /	DEF AT local marker foram decrease	DEF AT 3
10110 /	DEF AT local marker benthic foram increase	DEF IN 3
10170 /	DEF AT local marker foram decrease	DEF AT 3
10290 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10410 /	DEF AT local marker foram decrease	DEF AT 4
10589 /	DEF AT local marker benthic foram increase	DEF AT 4
10590 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10620 /	DEF AT local marker foram increase	DEF AT 4
10950 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
11670 /	DEF AT local marker benthic foram increase	DEF AT 3
11700 /	DEF AT local marker foram decrease	DEF AT 3
11880 /	DEF AT oxidized shale	DEF AT 3
12030 /	DEF AT drilling material	DEF AT 3
12060 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
12370 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
12400 /	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
12430 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 4
12550 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12580 /	DEF AT local marker foram decrease	DEF AT 4
12940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12970 /	DEF AT local marker foram decrease	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 37	Date of Summary: 20-APR-1988	First Sample Examined: 3100
Lease Number: 00783	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 13500
API Well Number: 177070024600	Drilling Operator: CONOCO INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3100 - 13520	Water Depth: 98
Public Info Code: Y 30-APR-1965	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13060 /	DEF AT local marker benthic foram increase	DEF AT 4
13090 /	DEF AT local marker foram decrease	DEF AT 4
13510 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 38	Date of Summary: 14-MAY-1986	First Sample Examined: 9575
Lease Number: 00784	Source of Paleo: OPERATOR	Borehole MD: 13922
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13553
API Well Number: 177070037700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 3	Sample Range: 7241 - 13949	Water Depth: 100
Public Info Code: Y 26-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
9575 / 9345	DEF AT first sample examined	DEF AT 2
9806 / 9564	DEF AT -----	DEF AT 3
10090 / 9832	DEF AT -----	DEF AT 2
10390 / 10114	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11070 / 10761	DEF AT -----	DEF AT 3
11130 / 10818	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
11310 / 10989	DEF AT -----	DEF AT 2
11730 / 11390	DEF AT -----	DEF AT 3
12776 / 12412	DEF AT -----	DEF AT 2
13450 / 13084	DEF AT -----	DEF AT 3
13720 / 13353	DEF AT -----	DEF AT 4
13949 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 38	Date of Summary: 14-MAY-1986	First Sample Examined: 13530
Lease Number: 00784	Source of Paleo: OPERATOR	Borehole MD: 13922
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13553
API Well Number: 177070037700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 2 of 3	Sample Range: 13530 - 13860	Water Depth: 100
Public Info Code: Y 26-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13530 / 13163	DEF AT first sample examined	DEF AT 3
13560 / 13193	DEF AT anhydrite	DEF AT 3
13620 / 13253	DEF AT - - - -	DEF AT 4
13860 / 13493	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 38	Date of Summary: 14-MAY-1986	First Sample Examined: 13584
Lease Number: 00784	Source of Paleo: OPERATOR	Borehole MD: 13922
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13553
API Well Number: 177070037700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 81
Paleo Report Num: 3 of 3	Sample Range: 13584 - 13935	Water Depth: 100
Public Info Code: Y 26-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13584 / 13217	DEF AT first sample examined	DEF AT 4
13585 / 13218	DEF AT anhydrite	DEF AT 4
13935 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 39	Date of Summary: 14-MAY-1986	First Sample Examined: 2280
Lease Number: 00785	Source of Paleo: OPERATOR	Borehole MD: 11492
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11492
API Well Number: 177070015000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2010 - 11488	Water Depth: 101
Public Info Code: Y 26-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2280 /	DEF AT first sample examined	DEF AT 0
2281 /	DEF AT non-marine sediment	DEF AT 0
4570 /	DEF AT - - - - -	DEF AT 2
5650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8230 /	DEF AT - - - - -	DEF AT 3
8380 /	DEF AT - - - - -	DEF AT 2
8470 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9490 /	DEF AT - - - - -	DEF AT 3
9580 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
10540 /	DEF AT - - - - -	DEF AT 2
10870 /	DEF IN gouge	DEF AT 5
11020 /	DEF AT - - - - -	DEF AT 6
11488 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 39	Date of Summary: 14-MAY-1986	First Sample Examined: 4000
Lease Number: 00785	Source of Paleo: OPERATOR	Borehole MD: 14071
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14071
API Well Number: 177070044800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 182 - 14071	Water Depth: 101
Public Info Code: Y 26-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 1
4320 /	DEF AT -----	DEF AT 2
4440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4840 /	DEF AT -----	DEF AT 1
5360 /	DEF AT -----	DEF AT 2
5440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6080 /	DEF AT -----	DEF AT 3
6280 /	DEF AT -----	DEF AT 2
9920 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10240 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
11160 /	DEF AT sample gap top	POS AT 3
11559 /	DEF AT sample gap bottom	POS AT 3
11560 /	DEF AT -----	DEF AT 3
12720 /	DEF AT -----	DEF AT 4
14071 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 41	Date of Summary: 10-MAR-1977	First Sample Examined: 9510
Lease Number: G01192	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15786
Well Name: 011	Paleo Done By: LEE LATTA	Borehole TVD: 15786
API Well Number: 177072002100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 9510 - 15790	Water Depth: 106
Public Info Code: Y 09-JAN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 /	DEF AT first sample examined	DEF AT 2
9660 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
9899 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
9900 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
10530 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10560 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
10590 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11140 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11170 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11440 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11500 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11530 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
11560 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12190 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13659 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
13660 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
13750 /	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
13989 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
13990 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
15280 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
15790 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 41	Date of Summary: 03-JUN-1986	First Sample Examined: 6980
Lease Number: G01192	Source of Paleo: OPERATOR	Borehole MD: 14308
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14308
API Well Number: 177070032700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 320 - 14220	Water Depth: 100
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT first sample examined	DEF AT 2
7300 /	DEF AT -----	DEF AT 1
7600 /	DEF AT -----	DEF AT 2
9140 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10670 /	DEF AT -----	DEF AT 3
11100 /	DEF AT -----	DEF AT 4
11160 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11280 /	DEF AT -----	DEF AT 3
12480 /	DEF AT -----	DEF AT 4
12780 /	DEF AT -----	DEF AT 3
13300 /	DEF AT -----	DEF AT 4
14220 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 47	Date of Summary: 02-JUL-1977	First Sample Examined: 0
Lease Number: G03144	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13787
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12932
API Well Number: 177074016701	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10370 / 10101	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
12950 / 12252	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13460 / 12675	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 48	Date of Summary: 30-OCT-1986	First Sample Examined: 3800
Lease Number: 00786	Source of Paleo: OPERATOR	Borehole MD: 10487
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10487
API Well Number: 177070016300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 2500 - 10460	Water Depth: 105
Public Info Code: Y 16-MAR-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 /	DEF AT first sample examined	DEF AT 1
4600 /	DEF AT - - - - -	DEF AT 2
5090 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8110 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9400 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10300 /	DEF AT - - - - -	DEF AT 4
10460 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 48	Date of Summary: 03-JUN-1986	First Sample Examined: 11000
Lease Number: 00786	Source of Paleo: OPERATOR	Borehole MD: 11659
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 11659
API Well Number: 177072001400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 136
Paleo Report Num: 1 of 1	Sample Range: 11000 - 11660	Water Depth: 98
Public Info Code: Y 15-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /	DEF AT first sample examined	DEF AT 3
11480 /	DEF AT - - - - -	DEF AT 4
11660 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 49	Date of Summary: 19-JAN-1972	First Sample Examined: 0
Lease Number: 00787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14462
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 14218
API Well Number: 177074001400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 12-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6655 / 6655	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9360 / 9311	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 49	Date of Summary: 01-MAY-1998	First Sample Examined: 0
Lease Number: 00787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: E002	Paleo Done By: OPERATOR	Borehole TVD: 15842
API Well Number: 177074001600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 31-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6925 / 6715	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10092 / 9598	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 49	Date of Summary: 05-JAN-1973	First Sample Examined: 0
Lease Number: 00787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13667
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 13252
API Well Number: 177074003600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 17-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6945 / 6590	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9540 / 9132	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 51	Date of Summary: 29-APR-1988	First Sample Examined: 3535
Lease Number: 00789	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11245
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 11245
API Well Number: 177070016700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 3535 - 11245	Water Depth: 100
Public Info Code: Y 11-AUG-1965	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3535 /	DEF AT first sample examined	POS AT 1
3536 /	DEF AT cement	POS AT 1
3711 /	DEF AT shell fragments	DEF AT 1
4076 /	DEF AT shell fragments	DEF AT 1
4734 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5571 /	DEF AT local marker foram decrease	DEF AT 1
6005 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
6315 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 1
6873 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 1
7493 /	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 1
7648 /	DEF AT local marker foram decrease	DEF AT 1
8161 /	DEF AT oxidized shale	DEF AT 1
9326 /	POS AT local marker benthic foram increase	DEF AT 2
9357 /	DEF AT local marker foram decrease	DEF AT 2
9982 /	POS AT pyrite	DEF AT 2
10105 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10580 /	DEF AT local marker benthic foram increase	DEF AT 2
10673 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10766 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
11015 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
11046 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
11232 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 51	Date of Summary: 06-FEB-1989	First Sample Examined: 8399
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 14355
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14355
API Well Number: 177070016800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 8399 - 14355	Water Depth: 100
Public Info Code: Y 31-OCT-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8399 /	DEF AT first sample examined	DEF AT 2
8400 /	DEF IN Upper Pliocene	DEF AT 2
10749 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
12094 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
12095 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
12860 /	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 3
14355 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 51	Date of Summary: 01-JUL-1972	First Sample Examined: 10700
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 13607
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 12494
API Well Number: 177070029501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10700 - 13564	Water Depth: 100
Public Info Code: Y 24-AUG-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 10077	DEF AT first sample examined	DEF AT
11510 / 10794	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13564 / 12559	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 51	Date of Summary: 01-SEP-1972	First Sample Examined: 10730
Lease Number: 00789	Source of Paleo: OPERATOR	Borehole MD: 14861
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 13975
API Well Number: 177074003300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 10730 - 14502	Water Depth: 101
Public Info Code: Y 09-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10730 / 10026	DEF AT first sample examined	DEF AT
11300 / 10536	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14502 / 13602	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 53	Date of Summary: 29-JAN-1989	First Sample Examined: 6000
Lease Number: G05460	Source of Paleo: OPERATOR	Borehole MD: 20356
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 20350
API Well Number: 177074047400	Drilling Operator: UNION EXPLORATION PARTNERS LTD	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 6000 - 20356	Water Depth: 120
Public Info Code: Y 26-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT 2
6001 / 6001	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
6180 / 6180	DEF AT - - - - -	DEF AT 1
6780 / 6780	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
10320 / 10320	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
10980 / 10979	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
11160 / 11159	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
13260 / 13259	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 2
13800 / 13799	DEF AT - - - - -	DEF IN 1
14760 / 14759	DEF AT - - - - -	DEF IN 3
15120 / 15119	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF IN 3
15170 / 15169	DEF AT - - - - -	DEF AT 2
15930 / 15929	DEF AT - - - - -	DEF AT 4
17280 / 17279	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
17880 / 17878	DEF AT - - - - -	DEF AT 5
19500 / 19496	DEF AT - - - - -	DEF AT 4
20356 / 20350	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 53	Date of Summary: 09-APR-1990	First Sample Examined: 6000
Lease Number: G05460	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20356
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 20350
API Well Number: 177074047400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 6000 - 20355	Water Depth: 120
Public Info Code: Y 26-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 2
6001 / 6001	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6300 / 6300	DEF AT local marker foram decrease	DEF AT 2
6629 / 6629	DEF IN Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 2
6630 / 6630	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6631 / 6631	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
6690 / 6690	DEF AT local marker foram decrease	DEF AT 2
6840 / 6840	DEF AT pyrite	DEF AT 2
6870 / 6870	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7380 / 7380	DEF AT oxidized shale	DEF AT 2
7890 / 7890	DEF AT - - - - -	DEF IN 1
8190 / 8190	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 1
8280 / 8280	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF IN 1
9300 / 9300	DEF AT local marker benthic foram increase	DEF IN 1
9420 / 9420	DEF AT pyrite	DEF IN 3
9510 / 9510	DEF AT local marker foram decrease	DEF AT 2
10020 / 10020	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
10320 / 10320	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
10350 / 10350	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
10860 / 10859	DEF AT local marker benthic foram increase	DEF AT 3
11160 / 11159	DEF AT foram flood	DEF IN 3
11280 / 11279	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 53	Date of Summary: 09-APR-1990	First Sample Examined: 6000
Lease Number: G05460	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20356
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 20350
API Well Number: 177074047400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 6000 - 20355	Water Depth: 120
Public Info Code: Y 26-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
11820 / 11819	DEF AT local marker foram increase	DEF IN 3
11880 / 11879	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12240 / 12239	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
12600 / 12599	DEF AT foram flood	DEF AT 4
12900 / 12899	DEF AT local marker foram decrease	DEF AT 4
13080 / 13079	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
13140 / 13139	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13260 / 13259	DEF AT local marker foram decrease	DEF AT 4
13530 / 13529	DEF AT local marker benthic foram increase	DEF AT 4
13650 / 13649	DEF AT local marker foram increase	DEF AT 4
14250 / 14249	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
14730 / 14729	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
14760 / 14759	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
14910 / 14909	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
15990 / 15989	POS AT Upper Miocene (Tortonian) Textularia 6	DEF IN 4
16440 / 16439	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF IN 4
16530 / 16529	DEF AT oxidized shale	DEF IN 4
17880 / 17878	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
18060 / 18058	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
18870 / 18867	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
19110 / 19106	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
19380 / 19376	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
20355 / 20349	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 57	Date of Summary: 21-JAN-1969	First Sample Examined: 13880
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 17257
Well Name: C017	Paleo Done By: OPERATOR	Borehole TVD: 16684
API Well Number: 177070049900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 13880 - 17260	Water Depth: 130
Public Info Code: Y 11-SEP-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13880 / 13047	DEF AT first sample examined	DEF AT
16230 / 15097	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
17260 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 57	Date of Summary: 21-JAN-1969	First Sample Examined: 15220
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 17050
Well Name: C019	Paleo Done By: OPERATOR	Borehole TVD: 16235
API Well Number: 177070049901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 2	Sample Range: 15220 - 17050	Water Depth: 130
Public Info Code: Y 22-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack 3 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15220 / 14494	DEF AT first sample examined	DEF AT
17050 / 16214	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 57	Date of Summary: 21-JAN-1969	First Sample Examined: 13800
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 17050
Well Name: C019	Paleo Done By: OPERATOR	Borehole TVD: 16235
API Well Number: 177070049901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 2 of 2	Sample Range: 13800 - 15210	Water Depth: 130
Public Info Code: Y 22-NOV-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13800 / 13156	DEF AT first sample examined	DEF AT
14990 / 14278	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15210 / 14485	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 57	Date of Summary: 14-OCT-1977	First Sample Examined: 12190
Lease Number: G01193	Source of Paleo: OPERATOR	Borehole MD: 13890
Well Name: C023	Paleo Done By: OPERATOR	Borehole TVD: 13560
API Well Number: 177070051601	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 12190 - 13380	Water Depth: 130
Public Info Code: Y 30-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12190 / 11932	DEF AT first sample examined	DEF AT
12930 / 12639	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13380 / 13072	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 61	Date of Summary: 19-APR-1977	First Sample Examined: 4104
Lease Number: G01196	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12432
Well Name: C001	Paleo Done By: LEE LATTA	Borehole TVD: 12432
API Well Number: 177074011100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4104 - 12405	Water Depth: 126
Public Info Code: Y 23-SEP-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4104 /	DEF AT first sample examined	POS AT 2
5030 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5870 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6649 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6650 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
7190 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
8040 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9000 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9450 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9630 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
9780 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10100 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11270 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11420 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11450 /	DEF AT local marker benthic foram increase	DEF AT 5
11990 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12200 /	DEF AT local marker benthic foram increase	DEF AT 5
12405 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 61	Date of Summary: 07-JUN-1977	First Sample Examined: 3932
Lease Number: G03145	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15188
Well Name: C003	Paleo Done By: LEE LATTA	Borehole TVD: 13630
API Well Number: 177074018600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3932 - 15170	Water Depth: 126
Public Info Code: Y 17-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3932 / 3931	DEF AT first sample examined	DEF AT 2
4187 / 4186	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5064 / 5063	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6291 / 6251	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6659 / 6595	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
7284 / 7143	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7460 / 7294	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
9600 / 9066	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10080 / 9458	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10260 / 9604	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10410 / 9724	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
11150 / 10322	DEF AT Eggerella sp. (local marker)	DEF IN 3
11194 / 10357	DEF AT sample gap top	POS IN 3
11820 / 10868	DEF AT sample gap bottom	DEF IN 3
11864 / 10904	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12280 / 11252	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 3
12490 / 11427	DEF AT local marker benthic foram increase	DEF IN 3
12609 / 11526	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12610 / 11527	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12820 / 11703	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13960 / 12650	DEF AT local marker deep water fauna	DEF AT 4
15080 / 13554	DEF AT Eggerella sp. (local marker)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 61	Date of Summary: 07-JUN-1977	First Sample Examined: 3932
Lease Number: G03145	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15188
Well Name: C003	Paleo Done By: LEE LATTA	Borehole TVD: 13630
API Well Number: 177074018600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3932 - 15170	Water Depth: 126
Public Info Code: Y 17-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15170 / 13627	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 65	Date of Summary: 17-SEP-1980	First Sample Examined: 3604
Lease Number: G04106	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13999
API Well Number: 177074034100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3604 - 14010	Water Depth: 125
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3604 / 3604	DEF AT first sample examined	DEF IN 2
5220 / 5220	DEF AT - - - - -	DEF AT 3
5250 / 5250	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8520 / 8520	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10430 / 10429	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10850 / 10849	DEF AT sample gap top	POS AT 3
11450 / 11449	DEF AT sample gap bottom	DEF AT 3
11610 / 11609	DEF AT - - - - -	DEF AT 4
12060 / 12059	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13500 / 13499	DEF AT - - - - -	DEF AT 5
14010 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 68	Date of Summary: 22-MAY-1969	First Sample Examined: 11180
Lease Number: G01200	Source of Paleo: OPERATOR	Borehole MD: 13813
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 13813
API Well Number: 177070052500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 11180 - 13800	Water Depth: 130
Public Info Code: Y 27-APR-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11180 /	DEF AT first sample examined	DEF AT
12080 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13800 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 70	Date of Summary: 12-SEP-1977	First Sample Examined: 5000
Lease Number: G01202	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14075
Well Name: 005	Paleo Done By: LEE LATTA	Borehole TVD: 14004
API Well Number: 177074014500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5000 - 14075	Water Depth: 135
Public Info Code: Y 19-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	POS AT 3
5620 / 5620	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5820 / 5820	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7795 / 7794	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7796 / 7795	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7840 / 7839	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
8648 / 8647	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9245 / 9243	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
11330 / 11323	DEF AT Eggerella sp. (local marker)	DEF AT 4
11779 / 11771	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11780 / 11772	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11870 / 11862	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
12320 / 12311	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12800 / 12790	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13280 / 13268	DEF AT local marker benthic foram increase	DEF AT 4
13590 / 13578	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13930 / 13917	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14075 / 14061	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 09-OCT-1972	First Sample Examined: 7835
Lease Number: G01203	Source of Paleo: OPERATOR	Borehole MD: 7467
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7467
API Well Number: 177080000100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 7835 - 11470	Water Depth: 138
Public Info Code: Y 30-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7835 /	DEF AT first sample examined	DEF AT 2
8428 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
9150 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
9576 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
11470 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 13-DEC-1972	First Sample Examined: 7835
Lease Number: G01203	Source of Paleo: OPERATOR	Borehole MD: 11470
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11470
API Well Number: 177084002000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7835 - 11470	Water Depth: 138
Public Info Code: Y 30-APR-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7835 /	DEF AT first sample examined	DEF AT
9576 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11470 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 08-FEB-1980	First Sample Examined: 830
Lease Number: G03553	Source of Paleo: OPERATOR	Borehole MD: 7385
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7380
API Well Number: 177084041300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 830 - 7320	Water Depth: 130
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
830 /	DEF AT first sample examined	DEF AT 2
3840 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4560 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5909 /	POS AT unconformity	DEF AT 4
5910 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
6720 /	DEF AT pyrite	DEF AT 4
6780 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
6970 /	DEF AT pyrite	POS AT 4
7200 /	DEF AT gypsum	POS AT 4
7201 /	DEF AT salt	POS AT 4
7320 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 11-FEB-1980	First Sample Examined: 1560
Lease Number: G03553	Source of Paleo: OPERATOR	Borehole MD: 7269
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6605
API Well Number: 177084043700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1560 - 7260	Water Depth: 130
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1560 / 1545	DEF AT first sample examined	DEF AT 1
4080 / 3811	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4980 / 4554	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5309 / 4842	POS AT unconformity	DEF AT 3
5310 / 4843	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5880 / 5366	DEF AT faunal change (no faunal increase)	DEF AT 4
5999 / 5479	POS AT unconformity	DEF AT 4
6000 / 5480	DEF IN Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
6420 / 5887	DEF AT Eggerella sp. (local marker)	DEF AT 5
6510 / 5976	DEF AT faunal change (no faunal increase)	DEF AT 4
6869 / 6331	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
6870 / 6332	DEF AT gouge	DEF AT 6
7200 / 6660	DEF AT gypsum	DEF AT 6
7260 / 6719	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 06-NOV-1981	First Sample Examined: 4010
Lease Number: G03553	Source of Paleo: OPERATOR	Borehole MD: 10241
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9863
API Well Number: 177084044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 4010 - 9320	Water Depth: 130
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4010 / 4010	DEF AT first sample examined	DEF AT 2
4880 / 4872	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5240 / 5213	DEF AT sandstone	DEF AT 1
7310 / 7122	DEF AT cement	DEF AT
8450 / 8134	DEF AT - - - - -	DEF AT 2
8900 / 8548	DEF AT sandstone	DEF AT 2
9260 / 8894	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
9320 / 8952	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 12-NOV-1981	First Sample Examined: 7333
Lease Number: G03553	Source of Paleo: OPERATOR	Borehole MD: 10241
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9863
API Well Number: 177084044200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 7333 - 10130	Water Depth: 130
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7333 / 7143	DEF AT cement	DEF AT
7670 / 7444	DEF AT sandstone	DEF AT 1
8570 / 8242	DEF AT sample gap top	DEF AT
9199 / 8835	DEF AT sample gap bottom	DEF AT
9200 / 8836	DEF AT pyrite	DEF AT 1
9710 / 9335	POS AT Eggerella sp. (local marker)	DEF AT 2
9920 / 9543	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
10130 / 9752	DEF AT gouge	DEF AT 6
10140 / 9762	DEF AT Eggerella 3 (local marker)	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 71	Date of Summary: 21-APR-1980	First Sample Examined: 900
Lease Number: G03553	Source of Paleo: OPERATOR	Borehole MD: 8717
Well Name: 008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8536
API Well Number: 177084044700	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 900 - 8700	Water Depth: 130
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	DEF AT 2
4140 / 3990	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5399 / 5234	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5400 / 5235	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5460 / 5295	DEF AT sample gap top	POS AT 3
5579 / 5413	DEF AT sample gap bottom	DEF AT 4
5580 / 5414	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
6000 / 5834	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
6100 / 5934	DEF AT local marker foram decrease	DEF AT 3
8280 / 8099	DEF AT Cyclammina sp. (local marker)	DEF AT 5
8580 / 8399	POS AT limestone	DEF AT
8670 / 8489	DEF AT gypsum	DEF AT
8700 / 8519	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 73	Date of Summary: 11-NOV-1988	First Sample Examined: 900
Lease Number: G01205	Source of Paleo: OPERATOR	Borehole MD: 16447
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 16447
API Well Number: 177080005700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 900 - 16360	Water Depth: 132
Public Info Code: Y 06-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 /	DEF AT first sample examined	DEF AT 2
1200 /	DEF AT -----	DEF AT 3
1440 /	DEF AT -----	DEF AT 2
2760 /	DEF AT -----	DEF AT 1
4740 /	DEF AT -----	DEF AT 2
5400 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5700 /	DEF AT -----	DEF AT 3
6510 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7560 /	DEF AT -----	DEF AT 4
9000 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9090 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10440 /	DEF AT -----	DEF AT 5
14450 /	DEF AT -----	DEF AT 6
16360 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 74	Date of Summary: 01-MAY-1967	First Sample Examined: 5000
Lease Number: G01206	Source of Paleo: OPERATOR	Borehole MD: 13698
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13698
API Well Number: 177080005200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 5000 - 13700	Water Depth: 140
Public Info Code: Y 26-MAY-1971	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
5060 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5180 /	DEF AT - - - - -	DEF AT 3
5480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9240 /	DEF AT - - - - -	DEF AT 4
9450 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9840 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10860 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12950 /	DEF AT - - - - -	DEF AT 5
13700 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 74	Date of Summary: 28-NOV-1978	First Sample Examined: 5000
Lease Number: G01206	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13698
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 13698
API Well Number: 177080005200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 5000 - 13670	Water Depth: 140
Public Info Code: Y 26-MAY-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 2
6840 /	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8139 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8140 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9240 /	DEF AT local marker benthic foram increase	DEF AT 4
9360 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9810 /	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 4
11030 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11270 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11780 /	DEF AT local marker planktic foram increase	DEF AT 5
13670 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 75	Date of Summary: 15-SEP-1979	First Sample Examined: 3500
Lease Number: G01207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15330
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15298
API Well Number: 177080003500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 3500 - 13927	Water Depth: 140
Public Info Code: Y 29-MAY-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT
3501 / 3501	DEF AT poor sample interval top	DEF AT
5630 / 5630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7470 / 7470	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
7630 / 7630	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8480 / 8480	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10400 / 10400	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10640 / 10640	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11040 / 11040	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11800 / 11799	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12120 / 12119	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13080 / 13080	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13530 / 13529	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13926 / 13923	DEF AT poor sample interval bottom	DEF AT 4
13927 / 13924	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 75	Date of Summary: 05-APR-1972	First Sample Examined: 6000
Lease Number: G01207	Source of Paleo: OPERATOR	Borehole MD: 13795
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13795
API Well Number: 177084000200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13744	Water Depth: 140
Public Info Code: Y 29-MAY-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT
6001 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7617 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
11104 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12274 /	DEF AT sample gap top	DEF AT
13105 /	DEF AT sample gap bottom	DEF AT
13744 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 76	Date of Summary: 26-JUN-1967	First Sample Examined: 8000
Lease Number: G01208	Source of Paleo: OPERATOR	Borehole MD: 14701
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14701
API Well Number: 177080005500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8000 - 14720	Water Depth: 140
Public Info Code: Y 17-JUL-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 3
8001 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8002 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9920 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10880 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
11839 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11840 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12050 /	DEF AT - - - - -	DEF AT 4
12620 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 5
13130 /	DEF AT - - - - -	DEF AT 4
14090 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
14600 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
14720 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 77	Date of Summary: 09-NOV-1972	First Sample Examined: 4013
Lease Number: G01209	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15016
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 15000
API Well Number: 177084001200	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 4013 - 13861	Water Depth: 140
Public Info Code: Y 18-AUG-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4013 /	DEF AT first sample examined	POS AT 2
4014 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4403 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5724 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 2
5870 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7390 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7930 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
8170 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8320 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8410 /	DEF AT local marker foram decrease	DEF AT 4
8500 /	DEF AT pyrite	DEF AT 4
9430 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9910 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10060 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10180 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10360 /	DEF AT Bathysiphon fauna	DEF AT 4
10690 /	DEF AT local marker foram decrease	DEF AT 4
11620 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11650 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11800 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12820 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 77	Date of Summary: 09-NOV-1972	First Sample Examined: 4013
Lease Number: G01209	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15016
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 15000
API Well Number: 177084001200	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 4013 - 13861	Water Depth: 140
Public Info Code: Y 18-AUG-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13330 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
13480 /	DEF AT local marker benthic foram increase	DEF AT 4
13660 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
13780 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
13861 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 80	Date of Summary: 11-DEC-1987	First Sample Examined: 5040
Lease Number: G01212	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15751
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 15751
API Well Number: 177080006100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 5040 - 15735	Water Depth: 150
Public Info Code: Y 16-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 /	DEF AT first sample examined	POS IN 2
5041 /	DEF AT drilling material	POS IN 2
5042 /	DEF AT local marker foram decrease	POS IN 2
5820 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
5970 /	DEF AT oxidized shale	DEF IN 2
6240 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 2
6480 /	DEF AT drilling material	DEF AT 2
6690 /	DEF AT shell fragments	DEF AT 2
7110 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7880 /	POS AT local marker benthic foram increase	DEF AT 2
8270 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 2
8480 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
8539 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
8540 /	DEF AT local marker benthic foram increase	DEF AT 3
8660 /	DEF AT local marker benthic foram increase	DEF AT 4
8719 /	DEF AT cement	DEF AT 4
8720 /	DEF AT local marker foram decrease	DEF AT 4
9410 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
9530 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9590 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9680 /	DEF AT shell fragments	DEF AT 3
9830 /	DEF AT local marker foram decrease	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 80	Date of Summary: 11-DEC-1987	First Sample Examined: 5040
Lease Number: G01212	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15751
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 15751
API Well Number: 177080006100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 5040 - 15735	Water Depth: 150
Public Info Code: Y 16-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10040 /	DEF AT oxidized shale	DEF AT 3
10430 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10520 /	DEF AT local marker foram decrease	DEF AT 3
10880 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
11120 /	DEF AT cement	POS AT 4
11420 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
11450 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 4
11570 /	DEF AT local marker foram decrease	DEF AT 4
11720 /	DEF AT cement	DEF AT 4
11930 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
12020 /	DEF AT local marker foram decrease	DEF IN 4
12050 /	DEF AT drilling material	DEF IN 4
12169 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12170 /	DEF AT Eggerella sp. (local marker)	DEF IN 4
12410 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12770 /	DEF AT local marker benthic foram increase	DEF AT 4
13160 /	DEF AT Eggerella sp. (local marker)	DEF IN 4
13190 /	DEF AT oxidized shale	DEF IN 4
13399 /	DEF AT foram flood	DEF IN 4
13400 /	DEF AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF IN 4
13610 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 4
13700 /	POS AT Arenaceous fauna (local marker)	DEF IN 4
13820 /	DEF AT reworked material	DEF AT 4
14540 /	DEF AT oxidized shale	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 80	Date of Summary: 11-DEC-1987	First Sample Examined: 5040
Lease Number: G01212	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15751
Well Name: 002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 15751
API Well Number: 177080006100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 5040 - 15735	Water Depth: 150
Public Info Code: Y 16-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
14900 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
15080 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 4
15260 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF IN 4
15320 /	DEF AT gray shale	DEF AT 5
15321 /	DEF AT oxidized shale	DEF AT 5
15349 /	DEF AT local marker benthic foram increase	DEF IN 5
15350 /	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF IN 5
15470 /	DEF AT local marker planktic foram increase	DEF AT 6
15710 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 96	Date of Summary: 28-FEB-1967	First Sample Examined: 3066
Lease Number: 00791	Source of Paleo: OPERATOR	Borehole MD: 12788
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12788
API Well Number: 177080004600	Drilling Operator: CONOCO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3066 - 12770	Water Depth: 175
Public Info Code: Y 16-FEB-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3066 / 3066	DEF AT first sample examined	DEF IN 2
5760 / 5759	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6600 / 6598	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7379 / 7377	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7380 / 7378	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7620 / 7618	DEF AT - - - - -	DEF IN 2
9919 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9920 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10310 /	DEF AT - - - - -	DEF IN 3
11180 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
12079 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
12080 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12680 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 5
12770 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 97	Date of Summary: 27-JUN-1983	First Sample Examined: 1050
Lease Number: G04107	Source of Paleo: OPERATOR	Borehole MD: 12100
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10331
API Well Number: 177084050100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1050 - 12100	Water Depth: 176
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 / 1050	DEF AT first sample examined	DEF IN 2
1290 / 1290	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1650 / 1649	DEF AT - - - - -	DEF AT 2
2100 / 2091	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4410 / 4182	DEF AT - - - - -	DEF AT 3
5520 / 5164	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5940 / 5510	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6840 / 6228	DEF AT sample gap top	POS AT 3
7140 / 6455	DEF AT sample gap bottom	DEF AT 3
9450 / 8228	DEF AT - - - - -	DEF AT 4
9930 / 8603	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11830 / 10146	POS AT - - - - -	POS AT 5
12100 / 10364	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 105	Date of Summary: 14-DEC-1978	First Sample Examined: 352
Lease Number: G03775	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177084038500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 352 - 9980	Water Depth: 170
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
352 / 352	DEF AT first sample examined	DEF AT 1
590 / 590	DEF AT shell fragments	DEF AT 1
950 / 950	DEF AT cement	DEF AT 1
1190 / 1190	DEF AT - - - - -	DEF AT 2
1250 / 1250	DEF AT - - - - -	DEF AT 1
2270 / 2270	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3290 / 3290	DEF AT - - - - -	DEF AT 2
3500 / 3500	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3530 / 3530	DEF AT cement	POS AT 2
3860 / 3860	DEF AT - - - - -	DEF AT 1
4610 / 4610	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5780 / 5779	DEF AT - - - - -	DEF AT 2
5870 / 5869	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6170 / 6169	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
6230 / 6229	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6260 / 6259	DEF AT - - - - -	DEF AT 1
6410 / 6409	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7280 / 7278	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
7670 / 7667	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
8300 / 8297	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 3
9140 / 9136	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
9620 / 9614	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 105	Date of Summary: 14-DEC-1978	First Sample Examined: 352
Lease Number: G03775	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177084038500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 352 - 9980	Water Depth: 170
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 9973	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 105	Date of Summary: 21-NOV-1981	First Sample Examined: 1000
Lease Number: G03775	Source of Paleo: OPERATOR	Borehole MD: 9683
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9682
API Well Number: 177084051700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9680	Water Depth: 190
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF AT 2
1001 / 1001	DEF IN cement	DEF AT 2
2178 / 2178	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2305 / 2305	DEF AT cement	DEF AT 1
3337 / 3337	DEF AT - - - - -	DEF AT 2
4498 / 4498	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5810 / 5810	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6060 / 6060	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6061 / 6061	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7397 / 7396	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8925 / 8924	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9554 / 9553	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9555 / 9554	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9680 / 9679	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 105	Date of Summary: 12-NOV-1981	First Sample Examined: 3250
Lease Number: G03775	Source of Paleo: OPERATOR	Borehole MD: 9613
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9152
API Well Number: 177084051701	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3250 - 9614	Water Depth: 190
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3250 / 3250	DEF AT first sample examined	DEF AT 2
3251 / 3251	DEF IN cement	DEF AT 2
4518 / 4503	DEF AT sample gap top	POS AT 2
4644 / 4624	DEF AT sample gap bottom	DEF AT 2
5740 / 5638	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6077 / 5937	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6171 / 6021	DEF AT - - - -	DEF AT 2
7575 / 7271	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 3
7720 / 7403	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9048 / 8623	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9049 / 8624	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
9050 / 8625	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9530 / 9074	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9614 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 30-JUN-1977	First Sample Examined: 6880
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9477
API Well Number: 177084024400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 6880 - 9830	Water Depth: 190
Public Info Code: Y 16-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6880 / 6754	DEF AT first sample examined	DEF AT
7030 / 6888	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9830 / 9319	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 02-AUG-1977	First Sample Examined: 7860
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9477
API Well Number: 177084024400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 7860 - 9991	Water Depth: 190
Public Info Code: Y 16-AUG-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7860 / 7601	DEF AT first sample examined	DEF AT
7861 / 7602	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9991 / 9468	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 04-OCT-1976	First Sample Examined: 7000
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 9237
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8811
API Well Number: 177084015300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3970 - 9237	Water Depth: 193
Public Info Code: Y 11-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3800	DEF AT first sample examined	DEF AT
7460 / 7146	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9237 / 8831	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 15-SEP-1976	First Sample Examined: 6982
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 8510
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7930
API Well Number: 177084016800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6982 - 8550	Water Depth: 193
Public Info Code: Y 30-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6982 / 6429	DEF AT first sample examined	DEF AT
7500 / 6931	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8550 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 16-FEB-1977	First Sample Examined: 7610
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 10009
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 9359
API Well Number: 177084018400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7610 - 10009	Water Depth: 193
Public Info Code: Y 16-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7610 / 7064	DEF AT first sample examined	DEF AT
7611 / 7065	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10009 / 9359	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 09-JUN-1977	First Sample Examined: 7530
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 9700
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 8558
API Well Number: 177084022200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 7530 - 9822	Water Depth: 193
Public Info Code: Y 24-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 /	DEF AT first sample examined	DEF AT
7650 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9822 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 02-AUG-1977	First Sample Examined: 7190
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 9845
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 9477
API Well Number: 177084023200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7190 - 9875	Water Depth: 193
Public Info Code: Y 21-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7190 / 7039	DEF AT first sample examined	DEF AT
7220 / 7067	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9875 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 31-AUG-1977	First Sample Examined: 6980
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 9598
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 8486
API Well Number: 177084026800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6980 - 9590	Water Depth: 193
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6308	DEF AT first sample examined	DEF AT
7460 / 6720	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9590 / 8481	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 106	Date of Summary: 14-OCT-1977	First Sample Examined: 7290
Lease Number: G02279	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 8974
API Well Number: 177084026801	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7290 - 9900	Water Depth: 193
Public Info Code: Y 25-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 / 6635	DEF AT first sample examined	DEF AT
7680 / 6978	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9900 / 8974	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 107	Date of Summary: 27-JAN-1981	First Sample Examined: 840
Lease Number: G02130	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7324
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 7324
API Well Number: 177084001100	Drilling Operator: TEXACO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 840 - 7324	Water Depth: 190
Public Info Code: Y 05-MAR-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
840 /	DEF AT first sample examined	DEF AT 2
1135 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1356 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
1972 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2163 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3050 /	DEF AT cement	POS AT 3
4164 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5304 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
5556 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5711 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6208 /	DEF AT pyrite	DEF IN 4
7285 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7324 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 107	Date of Summary: 26-APR-1977	First Sample Examined: 0
Lease Number: G02130	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8656
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 8126
API Well Number: 177084021600	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 190
Public Info Code: Y 13-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4620 / 4620	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
5610 / 5583	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6040 / 5971	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7740 / 7368	DEF AT local marker (general)	DEF AT
8550 / 8043	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-1987

Area Block: SM 107	Date of Summary: 21-OCT-1976	First Sample Examined: 830
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 9283
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8967
API Well Number: 177084016900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 830 - 8660	Water Depth: 188
Public Info Code: Y 14-NOV-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
830 / 830	DEF AT first sample examined	POS AT 2
831 / 831	DEF AT cement	POS AT 2
890 / 890	DEF AT - - - - -	DEF AT 2
1310 / 1310	DEF AT - - - - -	DEF AT 3
1490 / 1489	DEF AT - - - - -	DEF AT 2
1940 / 1935	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2150 / 2140	DEF AT - - - - -	DEF AT 1
3140 / 3084	DEF AT local marker foram increase	DEF AT 3
3300 / 3237	DEF AT - - - - -	DEF AT 2
3740 / 3659	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4370 / 4263	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5330 / 5176	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6499 / 6284	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6500 / 6285	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6800 / 6572	DEF AT - - - - -	DEF AT 2
7940 / 7665	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8090 / 7810	DEF AT cement	POS AT 3
8270 / 7984	DEF AT - - - - -	DEF AT 3
8660 / 8364	DEF AT last sample examined	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

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Area Block: SM 107	Date of Summary: 21-OCT-1976	First Sample Examined: 8130
Lease Number: G02130	Source of Paleo: OPERATOR	Borehole MD: 9283
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8967
API Well Number: 177084016900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 8130 - 9240	Water Depth: 188
Public Info Code: Y 14-NOV-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
8130 / 7848	DEF AT first sample examined	POS AT 3
8131 / 7849	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 3
8270 / 7984	DEF AT - - - - -	DEF AT 3
9030 / 8724	DEF AT - - - - -	DEF AT 4
9240 / 8928	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 108	Date of Summary: 14-AUG-1964	First Sample Examined: 2000
Lease Number: 00792	Source of Paleo: OPERATOR	Borehole MD: 12750
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12750
API Well Number: 177080007600	Drilling Operator: CONOCO INC	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 2000 - 11520	Water Depth: 185
Public Info Code: Y 29-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF AT 1
5315 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5915 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
8790 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 1
10829 /	DEF AT Eggerella 3 (local marker)	DEF AT 2
10830 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 2
11070 /	DEF AT - - - -	DEF AT 1
11520 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 108	Date of Summary: 14-AUG-1964	First Sample Examined: 10450
Lease Number: 00792	Source of Paleo: OPERATOR	Borehole MD: 12750
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12750
API Well Number: 177080007600	Drilling Operator: CONOCO INC	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 10450 - 12190	Water Depth: 185
Public Info Code: Y 29-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10450 /	DEF AT first sample examined	DEF AT 1
10840 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
11050 /	DEF AT - - - - -	DEF AT 1
12040 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
12190 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 109	Date of Summary: 30-SEP-1974	First Sample Examined: 454
Lease Number: 00793	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6000
API Well Number: 177084007500	Drilling Operator: CONOCO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 454 - 5960	Water Depth: 185
Public Info Code: Y 03-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
454 /	DEF AT first sample examined	DEF AT
560 /	DEF AT local marker (general)	DEF AT 1
2000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5080 /	POS AT Arenaceous fauna (local marker)	DEF AT 1
5280 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5760 /	POS AT local marker (general)	DEF AT 1
5960 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 111	Date of Summary: 05-JAN-1976	First Sample Examined: 2000
Lease Number: G02878	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177084010500	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2000 - 15000	Water Depth: 195
Public Info Code: Y 31-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 /	DEF AT first sample examined	DEF IN 3
2300 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6440 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
7420 /	DEF AT - - - - -	DEF AT 4
8540 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9080 /	DEF AT - - - - -	DEF AT 3
10280 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12950 /	DEF AT - - - - -	DEF AT 5
15000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 112	Date of Summary: 20-OCT-1975	First Sample Examined: 1040
Lease Number: G02879	Source of Paleo: OPERATOR	Borehole MD: 9682
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9681
API Well Number: 177084010300	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1040 - 9640	Water Depth: 195
Public Info Code: Y 24-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 / 1040	DEF AT first sample examined	DEF AT 2
1280 / 1280	DEF AT local marker (general)	DEF AT 3
1730 / 1730	DEF AT - - - - -	DEF AT 2
2240 / 2240	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2300 / 2300	DEF AT - - - - -	DEF AT 1
2990 / 2990	DEF AT - - - - -	DEF AT 2
3410 / 3410	DEF AT - - - - -	DEF AT 3
3710 / 3710	DEF AT - - - - -	DEF AT 2
6420 / 6420	DEF AT - - - - -	DEF AT 3
7260 / 7260	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8350 / 8350	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8500 / 8500	DEF AT - - - - -	DEF AT 3
9640 / 9639	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 113	Date of Summary: 13-AUG-1981	First Sample Examined: 2000
Lease Number: G02880	Source of Paleo: OPERATOR	Borehole MD: 10018
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10018
API Well Number: 177084047900	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9980	Water Depth: 190
Public Info Code: Y 15-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF AT 1
3440 / 3440	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4070 / 4070	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4130 / 4130	DEF AT sample gap top	DEF AT
4610 / 4610	DEF AT sample gap bottom	DEF AT
4611 / 4611	DEF AT - - - - -	DEF AT 1
5630 / 5630	DEF AT local marker foram increase	DEF AT 1
5870 / 5870	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5930 / 5930	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6050 / 6050	DEF AT - - - - -	DEF AT 1
8630 / 8628	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9140 / 9137	DEF AT - - - - -	DEF AT 1
9920 / 9914	DEF AT local marker foram increase	DEF AT 2
9980 / 9973	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 115	Date of Summary: 26-JUL-1971	First Sample Examined: 850
Lease Number: G02094	Source of Paleo: OPERATOR	Borehole MD: 8330
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8329
API Well Number: 177084000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 850 - 8330	Water Depth: 190
Public Info Code: Y 04-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 /	DEF AT first sample examined	DEF AT
6905 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8330 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 115	Date of Summary: 18-NOV-1971	First Sample Examined: 840
Lease Number: G02094	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8710
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8710
API Well Number: 177084000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 840 - 8710	Water Depth: 160
Public Info Code: Y 19-AUG-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
840 /	DEF AT first sample examined	POS AT 1
841 /	DEF AT cement	POS AT 1
930 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1020 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1335 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1380 /	DEF AT local marker foram decrease	DEF AT 2
2325 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6870 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7095 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
7545 /	POS AT local marker planktic foram increase	DEF AT 4
7950 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
8040 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8265 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8400 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8670 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8710 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 116	Date of Summary: 02-OCT-1972	First Sample Examined: 3462
Lease Number: G02095	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10805
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 9404
API Well Number: 177084001000	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3462 - 10805	Water Depth: 191
Public Info Code: Y 16-NOV-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3462 / 3462	DEF AT first sample examined	POS AT 2
3463 / 3463	POS IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
3930 / 3927	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4322 / 4308	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4603 / 4570	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5420 / 5262	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5918 / 5637	DEF AT pyrite	DEF AT 3
5919 / 5638	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5920 / 5639	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7165 / 6586	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
8018 / 7272	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 3
8149 / 7377	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8193 / 7412	DEF AT Bathysiphon fauna	DEF AT 4
8237 / 7447	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8802 / 7897	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9859 / 8710	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
10425 / 9126	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10805 / 9404	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 119	Date of Summary: 11-SEP-1981	First Sample Examined: 5560
Lease Number: G04218	Source of Paleo: OPERATOR	Borehole MD: 17700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17700
API Well Number: 177084049400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 5560 - 17700	Water Depth: 197
Public Info Code: Y 30-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5560 / 5560	DEF AT first sample examined	DEF AT
8640 / 8639	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13020 / 13018	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
17700 / 17691	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 119	Date of Summary: 13-JUL-1983	First Sample Examined: 3900
Lease Number: G04218	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17700
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 17700
API Well Number: 177084049400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3900 - 17700	Water Depth: 197
Public Info Code: Y 30-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3900	DEF AT first sample examined	DEF AT 2
4650 / 4650	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4740 / 4740	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5620 / 5620	DEF AT local marker benthic foram increase	DEF AT 2
6130 / 6130	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6580 / 6580	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8610 / 8609	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
8850 / 8849	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9150 / 9149	DEF AT local marker deep water fauna	DEF AT 4
9270 / 9269	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9780 / 9779	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
10770 / 10769	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
11219 / 11218	DEF AT Bathysiphon fauna	DEF AT 4
11220 / 11219	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11400 / 11399	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11910 / 11908	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12600 / 12598	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12630 / 12628	DEF AT Bathysiphon fauna	DEF AT 4
13220 / 13218	POS AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF AT 4
13340 / 13338	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13700 / 13698	DEF AT Bathysiphon fauna	DEF AT 4
13760 / 13758	DEF AT Cyclammina sp. (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 119	Date of Summary: 13-JUL-1983	First Sample Examined: 3900
Lease Number: G04218	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17700
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 17700
API Well Number: 177084049400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3900 - 17700	Water Depth: 197
Public Info Code: Y 30-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14130 / 14127	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14980 / 14977	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
15460 / 15456	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
16090 / 16084	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
16980 / 16973	DEF AT Bathysiphon fauna	DEF AT 4
17700 / 17691	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 121	Date of Summary: 07-AUG-1972	First Sample Examined: 900
Lease Number: G02096	Source of Paleo: OPERATOR	Borehole MD: 7167
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7167
API Well Number: 177084001400	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 900 - 7165	Water Depth: 203
Public Info Code: Y 31-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF IN 2
1830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5720 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5780 /	DEF AT - - - - -	DEF AT 4
5870 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5990 /	DEF AT - - - - -	DEF AT 5
7060 /	DEF AT gouge	DEF AT 6
7165 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 121	Date of Summary: 18-AUG-1972	First Sample Examined: 1100
Lease Number: G02096	Source of Paleo: OPERATOR	Borehole MD: 5435
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5435
API Well Number: 177084001300	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1100 - 5430	Water Depth: 203
Public Info Code: Y 31-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF IN 2
1190 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
2720 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4220 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4550 /	DEF AT - - - - -	DEF AT 4
5030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
5210 /	DEF AT - - - - -	DEF AT 6
5430 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 121	Date of Summary: 14-SEP-1972	First Sample Examined: 910
Lease Number: G02096	Source of Paleo: OPERATOR	Borehole MD: 4200
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4200
API Well Number: 177084000100	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 910 - 4200	Water Depth: 203
Public Info Code: Y 31-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
910 /	DEF AT first sample examined	DEF IN 2
1210 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2410 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3000 /	DEF AT cement	POS AT 3
3149 /	DEF AT cement	DEF AT 3
3150 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4200 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 121	Date of Summary: 22-SEP-1972	First Sample Examined: 910
Lease Number: G02096	Source of Paleo: OPERATOR	Borehole MD: 3932
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 3932
API Well Number: 177084002200	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 910 - 3932	Water Depth: 203
Public Info Code: Y 31-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
910 / 910	DEF AT first sample examined	DEF IN 2
1450 / 1450	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2320 / 2320	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3280 / 3279	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3370 / 3369	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3700 / 3699	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
3932 / 3931	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 122	Date of Summary: 25-JUL-1972	First Sample Examined: 850
Lease Number: G02097	Source of Paleo: OPERATOR	Borehole MD: 5211
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5211
API Well Number: 177084001500	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 850 - 5211	Water Depth: 206
Public Info Code: Y 31-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 /	DEF AT first sample examined	POS AT 2
1900 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
2620 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2680 /	DEF AT local marker foram decrease	DEF AT 3
3010 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3100 /	DEF AT local marker foram decrease	DEF AT 3
3520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3640 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3820 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
3850 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3880 /	DEF AT local marker foram decrease	DEF AT 4
4930 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
4989 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
4990 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
5110 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
5211 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 122	Date of Summary: 31-AUG-1972	First Sample Examined: 1500
Lease Number: G02097	Source of Paleo: OPERATOR	Borehole MD: 5888
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5888
API Well Number: 177084001600	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1500 - 5886	Water Depth: 206
Public Info Code: Y 31-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF IN 2
2040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2550 /	DEF AT local marker foram decrease	DEF AT 3
2580 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2610 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2640 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2730 /	DEF AT local marker foram decrease	DEF AT 3
3330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3390 /	DEF AT local marker foram decrease	DEF AT 3
3420 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
3660 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
3720 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
3750 /	DEF AT local marker foram decrease	DEF AT 3
4680 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
4800 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5249 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
5250 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
5490 /	DEF AT foram flood	DEF AT 5
5820 /	DEF AT local marker foram decrease	DEF AT 5
5886 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 122	Date of Summary: 17-JAN-1975	First Sample Examined: 1000
Lease Number: G02097	Source of Paleo: OPERATOR	Borehole MD: 4734
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4734
API Well Number: 177084008200	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 1000 - 4730	Water Depth: 206
Public Info Code: Y 31-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 2
1270 / 1270	DEF AT sample gap top	DEF IN 2
3080 / 3080	DEF AT sample gap bottom	DEF IN 3
3200 / 3200	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
3430 / 3430	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3690 / 3689	DEF AT local marker foram decrease	DEF AT 3
4190 / 4189	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4250 / 4249	DEF AT local marker foram decrease	DEF AT 3
4460 / 4459	DEF AT local marker benthic foram increase	DEF AT 3
4490 / 4489	DEF AT local marker foram decrease	DEF AT 3
4579 / 4578	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
4580 / 4579	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4610 / 4609	DEF AT local marker foram decrease	DEF AT 4
4730 / 4729	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 122	Date of Summary: 17-MAY-1976	First Sample Examined: 2000
Lease Number: G02097	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9000
API Well Number: 177084013500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9005	Water Depth: 206
Public Info Code: Y 31-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF IN 2
2180 / 2180	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2900 / 2900	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2960 / 2960	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2990 / 2990	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3110 / 3110	DEF AT local marker foram decrease	DEF AT 3
4200 / 4200	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
4290 / 4290	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4920 / 4920	DEF AT local marker foram decrease	DEF AT 3
6329 / 6328	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6330 / 6329	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7470 / 7469	DEF AT local marker benthic foram increase	DEF AT 4
7530 / 7528	DEF AT Eggerella sp. (local marker)	DEF AT 4
7560 / 7558	DEF AT local marker foram decrease	DEF AT 4
8010 / 8008	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
8070 / 8068	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8160 / 8158	DEF AT local marker foram decrease	DEF AT 4
8189 / 8187	DEF AT Eggerella sp. (local marker)	DEF AT 5
8190 / 8188	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
8490 / 8488	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
8520 / 8518	DEF AT Eggerella 3 (local marker)	DEF AT 5
8790 / 8788	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 122	Date of Summary: 17-MAY-1976	First Sample Examined: 2000
Lease Number: G02097	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9000
API Well Number: 177084013500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9005	Water Depth: 206
Public Info Code: Y 31-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9005 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 122	Date of Summary: 23-JUL-1982	First Sample Examined: 1040
Lease Number: G04432	Source of Paleo: OPERATOR	Borehole MD: 8826
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7816
API Well Number: 177084055100	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1040 - 8810	Water Depth: 203
Public Info Code: Y 17-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 / 1040	DEF AT first sample examined	DEF IN 3
1310 / 1310	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3890 / 3771	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4220 / 4045	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
4760 / 4494	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
4940 / 4643	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6800 / 6176	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
6950 / 6296	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7160 / 6463	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
7340 / 6607	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7460 / 6701	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
7820 / 6987	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8570 / 7598	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
8720 / 7721	DEF AT Eggerella 3 (local marker)	DEF AT 4
8810 / 7796	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 123	Date of Summary: 21-SEP-1983	First Sample Examined: 0
Lease Number: G04219	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12087
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10498
API Well Number: 177084053700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 6120	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6840 / 6169	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8460 / 7525	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9120 / 8070	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 124	Date of Summary: 18-JUN-1979	First Sample Examined: 1360
Lease Number: G03808	Source of Paleo: OPERATOR	Borehole MD: 11976
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11976
API Well Number: 177084039500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 1360 - 11977	Water Depth: 203
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1360 / 1360	DEF AT first sample examined	DEF IN 3
1480 / 1480	DEF AT - - - - -	DEF AT 4
1780 / 1780	DEF AT - - - - -	DEF AT 3
2230 / 2230	DEF AT - - - - -	DEF AT 2
2530 / 2530	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3760 / 3760	DEF AT - - - - -	DEF AT 3
4060 / 4060	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6190 / 6190	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7870 / 7870	DEF AT - - - - -	DEF AT 4
8020 / 8020	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8140 / 8140	DEF AT - - - - -	DEF AT 5
11977 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 125	Date of Summary: 18-FEB-1975	First Sample Examined: 1000
Lease Number: G02882	Source of Paleo: OPERATOR	Borehole MD: 10785
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10783
API Well Number: 177084008900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10785	Water Depth: 204
Public Info Code: Y 15-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 3
1480 / 1480	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5420 / 5420	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8930 / 8929	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9170 / 9169	DEF AT - - - - -	DEF AT 4
10785 / 10783	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 128	Date of Summary: 19-JUN-1974	First Sample Examined: 1000
Lease Number: G02587	Source of Paleo: OPERATOR	Borehole MD: 7537
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7537
API Well Number: 177084006900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7356	Water Depth: 215
Public Info Code: Y 15-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1660 /	DEF AT - - - - -	DEF AT 3
2320 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5510 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7140 /	DEF AT - - - - -	DEF AT 4
7320 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7356 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 128	Date of Summary: 08-JUL-1974	First Sample Examined: 3780
Lease Number: G02587	Source of Paleo: OPERATOR	Borehole MD: 8212
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7258
API Well Number: 177084006901	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3780 - 8210	Water Depth: 215
Public Info Code: Y 01-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3780 / 3780	DEF AT first sample examined	DEF AT 3
3781 / 3781	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6500 / 5969	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7520 / 6744	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8210 / 7257	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 128	Date of Summary: 06-SEP-1974	First Sample Examined: 980
Lease Number: G02587	Source of Paleo: OPERATOR	Borehole MD: 9566
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9566
API Well Number: 177084007200	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 980 - 9560	Water Depth: 204
Public Info Code: Y 02-OCT-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
980 /	DEF AT first sample examined	DEF IN 2
1040 /	DEF AT - - - - -	DEF AT 3
3210 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7920 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9420 /	DEF AT sample gap top	POS AT 4
9503 /	DEF AT sample gap bottom	DEF AT 4
9504 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9560 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 128	Date of Summary: 21-OCT-1974	First Sample Examined: 3550
Lease Number: G02587	Source of Paleo: OPERATOR	Borehole MD: 8220
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7019
API Well Number: 177084007901	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3550 - 8220	Water Depth: 215
Public Info Code: Y 09-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 3550	DEF AT first sample examined	DEF IN 3
4180 / 4167	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7330 / 6443	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8220 / 7020	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 128	Date of Summary: 02-MAY-1975	First Sample Examined: 1050
Lease Number: G02587	Source of Paleo: OPERATOR	Borehole MD: 8611
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8611
API Well Number: 177084008800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8600	Water Depth: 217
Public Info Code: Y 22-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 /	DEF AT first sample examined	DEF IN 3
2130 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4160 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6510 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
7010 /	DEF AT - - - - -	DEF AT 4
8600 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 128	Date of Summary: 29-JAN-1990	First Sample Examined: 0
Lease Number: G02587	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9884
Well Name: C002	Paleo Done By: OPERATOR	Borehole TVD: 9360
API Well Number: 177084027300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 111
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 20-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7950 / 7536	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 129	Date of Summary: 11-MAR-1975	First Sample Examined: 1000
Lease Number: G02884	Source of Paleo: OPERATOR	Borehole MD: 6835
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6834
API Well Number: 177084009000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6830	Water Depth: 211
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF IN 2
1420 / 1420	DEF AT - - - - -	DEF AT 3
3400 / 3400	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5240 / 5240	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6800 / 6799	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6830 / 6829	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 129	Date of Summary: 19-JUL-1977	First Sample Examined: 4000
Lease Number: G02884	Source of Paleo: OPERATOR	Borehole MD: 11700
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10013
API Well Number: 177084022300	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11680	Water Depth: 219
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3663	DEF AT first sample examined	DEF IN 3
4001 / 3664	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5410 / 4746	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8200 / 7046	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9850 / 8425	DEF AT - - - - -	DEF AT 4
10270 / 8784	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11680 / 9996	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 13-JUL-1973	First Sample Examined: 3980
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 10110
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10110
API Well Number: 177084004500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 3980 - 10110	Water Depth: 208
Public Info Code: Y 08-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3980 / 3980	DEF AT first sample examined	DEF AT
8340 / 8334	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10110 / 10102	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 29-JUL-1976	First Sample Examined: 4470
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 5667
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 4671
API Well Number: 177084015700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4470 - 5680	Water Depth: 215
Public Info Code: Y 15-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4470 / 3739	DEF AT first sample examined	DEF AT
5590 / 4627	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5680 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 04-OCT-1976	First Sample Examined: 4030
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 6738
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 6738
API Well Number: 177084016700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4030 - 6720	Water Depth: 215
Public Info Code: Y 13-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4030	DEF AT first sample examined	DEF AT
6630 / 6629	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6720 / 6719	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 17-NOV-1977	First Sample Examined: 4793
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7908
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 6757
API Well Number: 177084012000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4793 - 7910	Water Depth: 216
Public Info Code: Y 12-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4793 / 4206	DEF AT first sample examined	DEF AT
7520 / 6427	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7910 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 03-JUN-1976	First Sample Examined: 4947
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 11365
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 10919
API Well Number: 177084013300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4947 - 11548	Water Depth: 216
Public Info Code: Y 20-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4947 / 4855	DEF AT first sample examined	DEF AT
9996 / 9642	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11548 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 28-JAN-1977	First Sample Examined: 4020
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 8054
Well Name: C011	Paleo Done By: OPERATOR	Borehole TVD: 8009
API Well Number: 177084017300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4020 - 8030	Water Depth: 216
Public Info Code: Y 07-JAN-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4020 / 4020	DEF AT first sample examined	DEF AT
5790 / 5789	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6170 / 6169	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6950 / 6941	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8030 / 7985	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 130	Date of Summary: 30-APR-1977	First Sample Examined: 5800
Lease Number: G02280	Source of Paleo: OPERATOR	Borehole MD: 7258
Well Name: C023	Paleo Done By: OPERATOR	Borehole TVD: 6902
API Well Number: 177084022500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5800 - 7155	Water Depth: 216
Public Info Code: Y 20-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 /	DEF AT first sample examined	DEF AT
6560 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7155 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 132	Date of Summary: 11-SEP-1974	First Sample Examined: 900
Lease Number: G02282	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7361
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7361
API Well Number: 177084004400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 900 - 7361	Water Depth: 215
Public Info Code: Y 24-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 / 900	DEF AT first sample examined	POS AT 3
1350 / 1350	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2520 / 2520	DEF AT glauconite	DEF AT 3
3174 / 3174	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4545 / 4545	DEF AT pyrite	DEF AT 2
4812 / 4812	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5649 / 5649	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6266 / 6266	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6330 / 6330	DEF AT cement	POS AT 3
7140 / 7138	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7361 / 7359	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 133	Date of Summary: 24-JUN-1982	First Sample Examined: 3000
Lease Number: G03777	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9995
API Well Number: 177084039000	Drilling Operator: CONOCO INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9930	Water Depth: 129
Public Info Code: Y 20-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF AT 1
3600 / 3599	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5050 / 5049	DEF AT sample gap top	POS AT 1
5079 / 5078	DEF AT sample gap bottom	DEF AT 1
5080 / 5079	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8180 / 8177	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
9030 / 9026	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
9600 / 9595	DEF AT faunal change (no faunal increase)	DEF AT 1
9870 / 9865	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
9930 / 9925	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 133	Date of Summary: 21-JUL-1983	First Sample Examined: 3030
Lease Number: G03777	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8500
API Well Number: 177084060700	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 99
Paleo Report Num: 1 of 2	Sample Range: 3030 - 8500	Water Depth: 218
Public Info Code: Y 20-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF AT 2
3600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4240 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4620 /	DEF AT - - - - -	DEF AT 3
5100 /	DEF AT - - - - -	DEF AT 2
7510 /	DEF AT - - - - -	DEF AT 3
7600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8200 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
8500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 133	Date of Summary: 10-MAY-1984	First Sample Examined: 3030
Lease Number: G03777	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8500
Well Name: 002	Paleo Done By: ED COTTON	Borehole TVD: 8500
API Well Number: 177084060700	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 99
Paleo Report Num: 2 of 2	Sample Range: 3030 - 8500	Water Depth: 218
Public Info Code: Y 20-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 /	DEF AT first sample examined	POS AT 2
3031 /	DEF IN cement	POS AT 2
3240 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3600 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4740 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7660 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8350 /	DEF AT pyrite	DEF AT 2
8470 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 136	Date of Summary: 19-DEC-1974	First Sample Examined: 1100
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 6577
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6577
API Well Number: 177084007400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1100 - 6540	Water Depth: 266
Public Info Code: Y 01-JAN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1100 /	DEF AT first sample examined	DEF AT 1
2700 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
6540 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 137	Date of Summary: 09-JUN-1981	First Sample Examined: 0
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 10147
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8998
API Well Number: 177084021900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 04-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8650 / 7774	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 137	Date of Summary: 21-SEP-1989	First Sample Examined: 4690
Lease Number: G02588	Source of Paleo: OPERATOR	Borehole MD: 8335
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7685
API Well Number: 177084027600	Drilling Operator: CONOCO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4690 - 8335	Water Depth: 217
Public Info Code: Y 26-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4690 / 4459	DEF AT first sample examined	DEF AT 1
5289 / 4988	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
5290 / 4989	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
5350 / 5044	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
6160 / 5778	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
7660 / 7105	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 1
8335 / 7685	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 137	Date of Summary: 23-JUL-1974	First Sample Examined: 470
Lease Number: G02589	Source of Paleo: OPERATOR	Borehole MD: 6070
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6070
API Well Number: 177084007100	Drilling Operator: CONOCO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 470 - 6060	Water Depth: 231
Public Info Code: Y 15-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
470 /	DEF AT first sample examined	DEF AT 1
1660 /	DEF AT local marker foram increase	DEF AT 2
1780 /	DEF AT - - - -	DEF AT 1
3700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4340 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6020 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 137	Date of Summary: 09-MAR-1981	First Sample Examined: 0
Lease Number: G02589	Source of Paleo: OPERATOR	Borehole MD: 7562
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7562
API Well Number: 177084007700	Drilling Operator: CONOCO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 10-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7420 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 139	Date of Summary: 19-OCT-1979	First Sample Examined: 3300
Lease Number: G03989	Source of Paleo: OPERATOR	Borehole MD: 7728
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7728
API Well Number: 177084041500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 3300 - 7680	Water Depth: 210
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3300 / 3300	DEF AT first sample examined	DEF IN 2
3390 / 3390	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
3630 / 3630	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4170 / 4170	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4680 / 4680	DEF AT pyrite	DEF AT 3
4740 / 4740	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4830 / 4830	DEF AT pyrite	DEF AT 3
5160 / 5159	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5520 / 5519	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7290 / 7289	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
7530 / 7529	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7559 / 7558	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7560 / 7559	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
7589 / 7588	DEF AT foram flood	DEF AT 4
7590 / 7589	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7680 / 7679	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 141	Date of Summary: 17-JAN-1975	First Sample Examined: 1040
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 6660
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6660
API Well Number: 177084008600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1040 - 6650	Water Depth: 216
Public Info Code: Y 06-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1040 / 1040	DEF AT first sample examined	DEF IN 2
1640 / 1640	DEF AT - - - - -	DEF AT 3
3500 / 3500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4850 / 4850	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6560 / 6560	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6650 / 6650	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 141	Date of Summary: 02-NOV-1977	First Sample Examined: 0
Lease Number: G02885	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10050
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9201
API Well Number: 177084021800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 225
Public Info Code: Y 18-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3490 / 3440	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5320 / 5042	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6010 / 5647	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8900 / 8208	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8960 / 8260	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 141	Date of Summary: 27-JAN-1975	First Sample Examined: 3550
Lease Number: G02885	Source of Paleo: OPERATOR	Borehole MD: 7212
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6243
API Well Number: 177084008601	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3550 - 7212	Water Depth: 216
Public Info Code: Y 18-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 3550	DEF AT first sample examined	DEF AT 3
3551 / 3551	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7100 / 6182	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7212 / 6244	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 20-MAR-1970	First Sample Examined: 5506
Lease Number: G01216	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13489
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13489
API Well Number: 177080004800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5506 - 13485	Water Depth: 220
Public Info Code: Y 23-DEC-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5506 /	DEF AT first sample examined	POS AT 3
5507 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
6120 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6488 /	DEF AT faunal change (no faunal increase)	DEF AT 5
7660 /	DEF AT local marker benthic foram increase	DEF AT 5
7720 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8120 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
8150 /	DEF AT Bathysiphon fauna	DEF AT 5
11390 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
13082 /	DEF AT faunal change (no faunal increase)	DEF AT 6
13485 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 04-AUG-1971	First Sample Examined: 2633
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 5943
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5943
API Well Number: 177084000600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2633 - 5927	Water Depth: 223
Public Info Code: Y 25-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2633 /	DEF AT first sample examined	DEF AT 2
3686 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4914 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5577 /	DEF AT sandstone	DEF AT 2
5927 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 28-NOV-1972	First Sample Examined: 3046
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 8383
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8383
API Well Number: 177084002500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3046 - 8351	Water Depth: 232
Public Info Code: Y 25-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3046 /	DEF AT first sample examined	DEF AT 1
3311 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3796 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4017 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4674 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5157 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5455 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7333 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7841 /	DEF AT cement	POS AT 3
8135 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8289 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8351 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 15-MAY-1974	First Sample Examined: 2702
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 7432
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7432
API Well Number: 177084006800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2702 - 7292	Water Depth: 235
Public Info Code: Y 05-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2702 /	DEF AT first sample examined	DEF AT 2
2967 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3090 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3844 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5294 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5472 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6037 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6150 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6657 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6852 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6952 /	DEF AT local white Arenacous fauna	DEF AT 5
7130 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
7190 /	DEF AT local white Arenacous fauna	DEF AT 5
7195 /	DEF AT gypsum	POS AT 5
7196 /	POS AT salt	POS AT 5
7291 /	DEF AT gypsum	POS AT 5
7292 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 29-MAR-1976	First Sample Examined: 2585
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 7170
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7170
API Well Number: 177084011800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2585 - 7145	Water Depth: 220
Public Info Code: Y 17-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2585 / 2585	DEF AT first sample examined	DEF AT
2586 / 2586	DEF AT cement	DEF AT
2785 / 2785	DEF AT faunal change (no faunal increase)	DEF AT 2
3065 / 3065	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3825 / 3825	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4745 / 4745	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5265 / 5265	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6585 / 6585	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6985 / 6985	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7145 / 7145	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 29-MAR-1976	First Sample Examined: 2620
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6999
API Well Number: 177084011801	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 2620 - 7152	Water Depth: 220
Public Info Code: Y 02-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2620 / 2620	DEF AT first sample examined	DEF AT
2621 / 2621	DEF AT cement	DEF AT
2901 / 2901	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3809 / 3768	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4485 / 4374	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5208 / 5040	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6524 / 6325	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
7025 / 6825	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
7152 / 6952	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 19-AUG-1977	First Sample Examined: 7400
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 9353
Well Name: 007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7658
API Well Number: 177084027100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7400 - 9320	Water Depth: 228
Public Info Code: Y 15-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7400 / 6104	DEF AT first sample examined	DEF AT 2
7490 / 6172	DEF AT faunal change (no faunal increase)	DEF AT 3
8030 / 6588	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8630 / 7067	DEF AT faunal change (no faunal increase)	DEF AT 4
8869 / 7260	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8870 / 7261	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
9010 / 7375	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9100 / 7449	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9290 / 7606	DEF AT gypsum	DEF AT
9291 / 7607	POS AT salt	DEF AT
9320 / 7631	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 20-SEP-1976	First Sample Examined: 6650
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 9415
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8552
API Well Number: 177084016500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6650 - 8925	Water Depth: 235
Public Info Code: Y 26-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6650 / 6278	DEF AT first sample examined	DEF AT 3
6651 / 6279	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7480 / 7021	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8175 / 7614	DEF AT cement	POS AT 3
8400 / 7807	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8709 / 8062	DEF AT Bathysiphon fauna	DEF AT 5
8710 / 8063	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8925 / 8230	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 04-JAN-1977	First Sample Examined: 6520
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 7181
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6580
API Well Number: 177084019200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 6520 - 7180	Water Depth: 239
Public Info Code: Y 09-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6520 / 5919	DEF AT first sample examined	DEF AT 3
7180 / 6579	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 12-MAY-1977	First Sample Examined: 6990
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 9720
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9029
API Well Number: 177084020300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 6990 - 9720	Water Depth: 235
Public Info Code: Y 05-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6990 / 6319	DEF AT first sample examined	DEF AT 2
7450 / 6772	DEF AT cement	DEF AT 2
7770 / 7087	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8030 / 7344	DEF AT faunal change (no faunal increase)	DEF AT 3
8420 / 7731	DEF AT cement	POS AT 3
8750 / 8061	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8979 / 8289	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8980 / 8290	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
9190 / 8500	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9720 / 9029	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 16-MAR-1977	First Sample Examined: 7190
Lease Number: G01216	Source of Paleo: OPERATOR	Borehole MD: 8082
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7448
API Well Number: 177084021000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7190 - 8060	Water Depth: 239
Public Info Code: Y 19-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7190 / 6582	DEF AT first sample examined	DEF AT 3
7191 / 6583	DEF AT cement	DEF AT 3
7370 / 6756	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7730 / 7106	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
8058 / 7425	DEF AT gypsum	DEF AT
8059 / 7426	DEF AT salt	DEF AT
8060 / 7427	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 06-SEP-1977	First Sample Examined: 7540
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 9955
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9034
API Well Number: 177084014800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7540 - 9920	Water Depth: 239
Public Info Code: Y 24-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7540 / 6916	DEF AT first sample examined	DEF AT
7541 / 6917	DEF IN cement	DEF AT
7780 / 7133	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9070 / 8217	DEF AT sample gap top	DEF AT
9169 / 8306	DEF AT sample gap bottom	DEF AT
9170 / 8307	DEF AT cement	DEF AT
9830 / 8917	DEF AT - - - -	DEF AT 3
9890 / 8973	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9920 / 9001	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 142	Date of Summary: 23-NOV-1976	First Sample Examined: 7500
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 9386
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8192
API Well Number: 177084017900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7500 - 9355	Water Depth: 235
Public Info Code: Y 12-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 6921	DEF AT first sample examined	DEF AT 3
8140 / 7499	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8290 / 7636	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9355 / 8661	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 143	Date of Summary: 27-DEC-1972	First Sample Examined: 3137
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9000
API Well Number: 177084002600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3137 - 9000	Water Depth: 239
Public Info Code: Y 12-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3137 /	DEF AT first sample examined	DEF AT 2
3444 /	DEF AT - - - - -	DEF AT 3
3488 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4017 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5545 /	DEF AT local marker benthic foram increase	DEF AT 3
5675 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5982 /	DEF AT - - - - -	DEF AT 3
6158 /	POS AT reworked material	DEF AT 3
8574 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 143	Date of Summary: 11-DEC-1975	First Sample Examined: 3547
Lease Number: G01217	Source of Paleo: OPERATOR	Borehole MD: 6270
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6270
API Well Number: 177084011100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3547 - 6048	Water Depth: 237
Public Info Code: Y 10-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3547 /	DEF AT first sample examined	DEF AT 3
3548 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5107 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5262 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5735 /	DEF AT - - - - -	DEF AT 4
6048 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 144	Date of Summary: 02-AUG-1966	First Sample Examined: 3490
Lease Number: G01218	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177080004000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3490 - 9500	Water Depth: 224
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3490 /	DEF AT first sample examined	DEF AT
3491 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4420 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
4750 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 144	Date of Summary: 26-MAR-1970	First Sample Examined: 3520
Lease Number: G01218	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15005
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 15005
API Well Number: 177080004700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 2 of 2	Sample Range: 3520 - 15005	Water Depth: 224
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3520 /	DEF AT first sample examined	DEF AT 3
3807 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
4077 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4420 /	DEF AT pyrite	DEF AT 3
4667 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5309 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6313 /	DEF AT glauconite	DEF AT 4
6493 /	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6823 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7084 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
7085 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 4
7764 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
8420 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9474 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
9960 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
10020 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10946 /	DEF AT Arenaceous fauna (local marker)	DEF AT 6
11041 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
11708 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 6
12327 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13200 /	DEF AT faunal change (no faunal increase)	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 144	Date of Summary: 26-MAR-1970	First Sample Examined: 3520
Lease Number: G01218	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15005
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 15005
API Well Number: 177080004700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 2 of 2	Sample Range: 3520 - 15005	Water Depth: 224
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14678 /	DEF AT local marker planktic foram increase	DEF AT 5
15005 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 145	Date of Summary: 10-MAR-1977	First Sample Examined: 1410
Lease Number: G02590	Source of Paleo: OPERATOR	Borehole MD: 6220
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6220
API Well Number: 177084010200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1410 - 6180	Water Depth: 238
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1410 /	DEF AT first sample examined	DEF AT
2550 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6180 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 145	Date of Summary: 25-APR-1977	First Sample Examined: 1366
Lease Number: G02590	Source of Paleo: OPERATOR	Borehole MD: 8179
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8179
API Well Number: 177084011400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1366 - 8179	Water Depth: 238
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1366 / 1366	DEF AT first sample examined	DEF AT
2580 / 2580	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5760 / 5760	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7640 / 7639	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8000 / 7998	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
8150 / 8148	DEF AT anhydrite	DEF AT 6
8179 / 8177	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 145	Date of Summary: 10-OCT-1978	First Sample Examined: 1350
Lease Number: G02590	Source of Paleo: OPERATOR	Borehole MD: 7582
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7582
API Well Number: 177084012100	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1350 - 7590	Water Depth: 238
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF AT
2430 / 2430	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6120 / 6119	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7590 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 145	Date of Summary: 12-MAR-1979	First Sample Examined: 3450
Lease Number: G02590	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9500
API Well Number: 177084038600	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3450 - 9500	Water Depth: 238
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3450 / 3450	DEF AT first sample examined	DEF AT 3
3451 / 3451	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5940 / 5940	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8400 / 8397	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8699 / 8695	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8700 / 8696	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9330 / 9323	DEF AT - - - -	DEF AT 4
9360 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 11-NOV-1974	First Sample Examined: 980
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7500
API Well Number: 177084008400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 980 - 7500	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
980 /	DEF AT first sample examined	DEF IN 2
1370 /	DEF AT - - - - -	DEF AT 3
2750 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4100 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5450 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5630 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6530 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7190 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7430 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7500 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 23-DEC-1974	First Sample Examined: 3380
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 10905
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9479
API Well Number: 177084008401	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3380 - 10870	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3380 / 3380	DEF AT first sample examined	DEF AT 2
3381 / 3381	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4070 / 4059	DEF AT faunal change (no faunal increase)	DEF AT 3
4130 / 4117	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4280 / 4262	DEF AT faunal change (no faunal increase)	DEF AT 2
5480 / 5323	DEF AT local marker (general)	DEF AT 3
5720 / 5508	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5960 / 5694	DEF AT faunal change (no faunal increase)	DEF AT 3
6890 / 6432	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8423 / 7704	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9098 / 8257	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9700 / 8706	DEF AT Eggerella sp. (local marker)	DEF AT 5
10360 / 9188	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
10870 / 9496	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 09-SEP-1975	First Sample Examined: 3030
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 7400
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7400
API Well Number: 177084009800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 3030 - 7380	Water Depth: 235
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 / 3030	DEF AT first sample examined	DEF AT 3
3031 / 3031	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5340 / 5339	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5760 / 5759	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5820 / 5819	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6000 / 5999	DEF AT - - - - -	DEF AT 4
6090 / 6089	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6240 / 6239	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7050 / 7049	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7380 / 7379	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 29-SEP-1975	First Sample Examined: 3030
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 7400
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7400
API Well Number: 177084009800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 3030 - 7380	Water Depth: 235
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 3030	DEF AT first sample examined	DEF AT 3
3031 / 3031	POS AT cement	DEF AT 3
4110 / 4110	DEF AT sample gap top	POS AT 3
4770 / 4770	DEF AT sample gap bottom	DEF AT 3
6000 / 5999	DEF AT - - - - -	DEF AT 4
6300 / 6299	DEF AT - - - - -	DEF AT 3
7380 / 7379	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 25-SEP-1975	First Sample Examined: 4830
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 9410
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7967
API Well Number: 177084009801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 4830 - 9420	Water Depth: 235
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4830 / 4774	DEF AT first sample examined	DEF AT 3
6570 / 5964	DEF AT - - - - -	DEF AT 4
6600 / 5982	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8370 / 7085	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9240 / 7810	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9420 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 29-SEP-1975	First Sample Examined: 4830
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 9410
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7967
API Well Number: 177084009801	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 4830 - 9420	Water Depth: 235
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4830 / 4774	DEF AT first sample examined	DEF AT 3
4831 / 4774	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6120 / 5707	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6540 / 5947	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7980 / 6803	DEF AT sample gap top	DEF AT 3
8009 / 6823	DEF AT sample gap bottom	DEF AT 3
8010 / 6824	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8100 / 6887	DEF AT sample gap top	DEF AT 3
8190 / 6952	DEF AT sample gap bottom	DEF AT 3
9300 / 7866	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9420 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 27-OCT-1975	First Sample Examined: 3300
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 11309
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9446
API Well Number: 177084009802	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3300 - 11290	Water Depth: 235
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3300	DEF AT first sample examined	DEF AT 3
3301 / 3301	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6000 / 5683	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6390 / 5939	DEF AT sample gap top	POS AT 3
6540 / 6039	DEF AT sample gap bottom	DEF AT 3
9190 / 7769	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9220 / 7792	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9940 / 8347	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11290 / 9440	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 29-JUN-1977	First Sample Examined: 3605
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 9184
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8478
API Well Number: 177084024300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 3605 - 9077	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3605 / 3426	DEF AT first sample examined	DEF AT 2
4409 / 4141	DEF AT glauconite	DEF AT 2
4410 / 4142	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4680 / 4384	DEF AT - - - - -	DEF AT 2
5880 / 5474	DEF AT sample gap top	POS AT 2
6540 / 6089	DEF AT sample gap bottom	DEF AT 2
6990 / 6505	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7740 / 7190	DEF AT cement	DEF AT 4
7950 / 7380	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8370 / 7757	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8400 / 7784	DEF AT cement	POS AT 4
8580 / 7944	DEF AT faunal change (no faunal increase)	DEF AT 4
8730 / 8077	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9077 / 8381	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 18-MAY-1977	First Sample Examined: 850
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 8631
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6633
API Well Number: 177084022400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 850 - 8630	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 / 850	DEF AT first sample examined	DEF AT 3
1270 / 1270	DEF AT -----	DEF AT 2
1480 / 1479	DEF AT -----	DEF AT 3
2890 / 2685	DEF AT -----	DEF AT 2
3280 / 2962	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4570 / 3856	DEF AT -----	DEF AT 3
4960 / 4107	DEF AT -----	DEF AT 2
6380 / 5035	DEF AT -----	DEF AT 3
6439 / 5076	DEF AT glauconite	DEF AT 3
6440 / 5077	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6590 / 5183	DEF AT -----	DEF AT 2
7100 / 5556	DEF AT -----	DEF AT 3
7400 / 5778	DEF AT -----	DEF AT 2
7760 / 6043	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7940 / 6175	DEF AT -----	DEF AT 2
8630 / 6680	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 25-MAY-1977	First Sample Examined: 3550
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 9550
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6462
API Well Number: 177084022401	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 3550 - 9520	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3550 / 3156	DEF AT first sample examined	DEF AT 3
3551 / 3157	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7210 / 5076	DEF AT - - - - -	DEF IN 3
7330 / 5135	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
7450 / 5196	DEF AT - - - - -	DEF AT 3
9520 / 6493	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 12-DEC-1977	First Sample Examined: 3702
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 10788
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9178
API Well Number: 177084026600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 3	Sample Range: 3702 - 10024	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
3702 / 3547	DEF AT first sample examined	POS AT 2
3703 / 3548	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
3790 / 3625	DEF AT - - - - -	DEF AT 2
4360 / 4133	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4570 / 4321	DEF AT - - - - -	DEF AT 2
5890 / 5505	DEF AT - - - - -	DEF AT 3
6010 / 5605	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6100 / 5677	DEF AT - - - - -	DEF AT 3
6970 / 6368	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7330 / 6603	DEF AT - - - - -	DEF AT 3
9130 / 7788	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9730 / 8288	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10024 / 8538	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 12-DEC-1977	First Sample Examined: 8750
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 10788
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9178
API Well Number: 177084026600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 2 of 3	Sample Range: 8750 - 10940	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8750 / 7502	DEF AT first sample examined	POS AT 4
8751 / 7503	DEF AT cement	POS AT 4
9020 / 7700	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9890 / 8424	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10640 / 9052	DEF AT - - - - -	DEF AT 5
10670 / 9077	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10940 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 12-DEC-1977	First Sample Examined: 8775
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 10788
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9178
API Well Number: 177084026600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 3 of 3	Sample Range: 8775 - 10760	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
8775 / 7519	DEF AT first sample examined	POS AT 3
8776 / 7519	DEF AT cement	POS AT 3
8990 / 7676	DEF AT sample gap top	POS AT 3
9260 / 7894	DEF AT sample gap bottom	DEF AT 3
9740 / 8297	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9949 / 8475	DEF AT Bathysiphon fauna	DEF AT 5
9950 / 8475	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
10100 / 8603	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10760 / 9150	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 03-AUG-1977	First Sample Examined: 3702
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 8927
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8153
API Well Number: 177084025900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 3702 - 8927	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3702 / 3410	DEF AT first sample examined	POS AT 2
3703 / 3411	DEF IN cement	POS AT 2
4110 / 3763	DEF AT - - - - -	DEF AT 2
4500 / 4098	DEF AT - - - - -	DEF AT 3
4530 / 4123	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4770 / 4332	DEF AT - - - - -	DEF AT 2
6150 / 5554	DEF AT - - - - -	DEF AT 3
6330 / 5718	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6960 / 6289	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7560 / 6844	DEF AT - - - - -	DEF AT 4
7709 / 6985	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7710 / 6986	DEF IN Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT 4
7860 / 7128	DEF AT sample gap top	POS AT 4
7979 / 7242	DEF AT sample gap bottom	DEF AT 3
7980 / 7243	DEF AT cement	DEF AT 3
8759 / 7992	DEF AT local marker deep water fauna	DEF AT 5
8760 / 7993	POS IN Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 5
8927 / 8154	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 30-AUG-1977	First Sample Examined: 3980
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 8173
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7435
API Well Number: 177084028700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 3980 - 8183	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3980 / 3523	DEF AT first sample examined	DEF AT 2
3981 / 3524	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4670 / 4047	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6260 / 5525	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6520 / 5785	DEF AT - - - - -	DEF AT 3
7220 / 6484	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7310 / 6574	POS AT cement	DEF AT 4
7609 / 6873	POS AT unconformity	DEF AT 6
7610 / 6874	POS AT local marker deep water fauna	DEF AT 6
7611 / 6875	POS AT gouge	DEF AT 6
8183 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 13-MAR-1978	First Sample Examined: 4320
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 7417
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6552
API Well Number: 177084029500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 2	Sample Range: 4320 - 6502	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4320 / 3956	DEF AT first sample examined	DEF AT 2
4620 / 4192	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5290 / 4695	DEF AT - - - - -	DEF IN 2
6359 / 5564	POS AT unconformity	DEF AT 4
6360 / 5565	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6502 / 5692	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 13-MAR-1978	First Sample Examined: 5120
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 7417
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6552
API Well Number: 177084029500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 2 of 2	Sample Range: 5120 - 7417	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5120 / 4567	DEF AT first sample examined	DEF AT 2
6140 / 5372	DEF AT cement	POS AT 2
6290 / 5503	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6470 / 5663	DEF AT - - - - -	DEF AT 3
6798 / 5957	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6799 / 5958	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6800 / 5959	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7114 / 6256	DEF AT cement	POS AT 4
7337 / 6474	DEF AT gouge	DEF AT 7
7338 / 6475	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 7
7339 / 6476	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 7
7340 / 6477	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 7
7417 / 6552	DEF AT last sample examined	DEF AT 7

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 146	Date of Summary: 27-APR-1978	First Sample Examined: 4040
Lease Number: G02591	Source of Paleo: OPERATOR	Borehole MD: 9165
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7237
API Well Number: 177084033200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 109
Paleo Report Num: 1 of 1	Sample Range: 4040 - 9170	Water Depth: 238
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4040 / 3391	DEF AT first sample examined	DEF IN 2
5510 / 4393	DEF AT - - - - -	DEF AT 3
5900 / 4664	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
6350 / 4995	DEF AT - - - - -	DEF IN 2
6890 / 5387	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8270 / 6452	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8689 / 6810	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8690 / 6811	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
9170 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 149	Date of Summary: 29-JAN-1988	First Sample Examined: 1010
Lease Number: G02592	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9492
API Well Number: 177084007000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1010 - 9500	Water Depth: 234
Public Info Code: Y 23-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1010 / 1010	DEF AT first sample examined	DEF AT
2775 / 2775	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5300 / 5300	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6039 / 6039	DEF AT local marker (general)	DEF AT 3
6566 / 6565	DEF AT local marker (general)	DEF AT 2
9140 / 9134	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9500 / 9492	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 149	Date of Summary: 06-AUG-1987	First Sample Examined: 5400
Lease Number: G02592	Source of Paleo: OPERATOR	Borehole MD: 7440
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7440
API Well Number: 177084008500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5400 - 7440	Water Depth: 231
Public Info Code: Y 12-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

MD / TVD	Paleo Top Description	Ecozone
5400 / 5400	DEF AT first sample examined	DEF AT
5940 / 5940	DEF AT - - - - -	DEF AT 2
6255 / 6254	DEF AT - - - - -	DEF AT 3
6705 / 6704	DEF AT - - - - -	DEF AT 2
7440 / 7439	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 151	Date of Summary: 04-SEP-1973	First Sample Examined: 2000
Lease Number: G02288	Source of Paleo: OPERATOR	Borehole MD: 6150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5643
API Well Number: 177084005300	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2000 - 6140	Water Depth: 265
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 1981	DEF AT first sample examined	DEF AT 3
2001 / 1982	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5810 / 5309	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6140 / 5633	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 152	Date of Summary: 22-OCT-1973	First Sample Examined: 2000
Lease Number: G02284	Source of Paleo: OPERATOR	Borehole MD: 7605
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7605
API Well Number: 177084005200	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 2000 - 7605	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF AT 3
2001 / 2001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3560 / 3560	DEF AT - - - -	DEF AT 4
3650 / 3650	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7440 / 7429	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7605 / 7594	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 12-APR-1973	First Sample Examined: 0
Lease Number: G02285	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4284
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4284
API Well Number: 177084003500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2290 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4170 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 18-MAY-1973	First Sample Examined: 1217
Lease Number: G02285	Source of Paleo: OPERATOR	Borehole MD: 12005
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12005
API Well Number: 177084003600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1217 - 12000	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1217 /	DEF AT first sample examined	DEF AT 3
2677 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5280 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5490 /	DEF AT - - - - -	DEF AT 4
7260 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
8670 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9750 /	DEF AT - - - - -	DEF AT 5
11220 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 28-AUG-1973	First Sample Examined: 3870
Lease Number: G02285	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14000
API Well Number: 177084020500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 3870 - 13990	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 /	DEF AT first sample examined	DEF IN 3
5070 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5310 /	DEF AT - - - - -	DEF AT 4
7920 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10380 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
10860 /	DEF AT - - - - -	DEF AT 5
11100 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11490 /	POS AT gouge	DEF AT 6
13990 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 03-NOV-1987	First Sample Examined: 3870
Lease Number: G02285	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 003	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14000
API Well Number: 177084020500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 3870 - 14000	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3870 /	DEF AT first sample examined	DEF AT 3
3871 /	DEF AT cement	DEF AT 3
3872 /	POS IN Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
4050 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4410 /	POS AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
4620 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4710 /	DEF AT local marker foram decrease	DEF AT 3
5040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5070 /	DEF AT local marker foram decrease	DEF IN 3
5160 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5280 /	DEF AT local marker benthic foram increase	DEF AT 4
5670 /	DEF AT local marker foram decrease	DEF AT 4
5820 /	DEF AT cement	DEF AT 4
6360 /	DEF AT local marker benthic foram increase	DEF AT 3
6420 /	DEF AT local marker foram decrease	DEF AT 3
6660 /	DEF AT faunal change (no faunal increase)	DEF IN 3
7950 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8040 /	DEF AT local marker foram decrease	DEF AT 3
8580 /	DEF AT oxidized shale	POS AT 3
8760 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9030 /	POS AT local marker deep water fauna	DEF AT 4
9240 /	DEF AT local marker benthic foram increase	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 03-NOV-1987	First Sample Examined: 3870
Lease Number: G02285	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 003	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14000
API Well Number: 177084020500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 3870 - 14000	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
9540 /	DEF AT local marker foram decrease	DEF AT 3
9750 /	DEF AT local marker benthic foram increase	DEF IN 3
9780 /	DEF AT local marker planktic foram increase	DEF IN 3
9870 /	DEF AT oxidized shale	DEF AT 3
9930 /	DEF AT faunal change (no faunal increase)	DEF IN 3
10020 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 3
10050 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
10290 /	DEF AT local marker foram decrease	DEF AT 3
10590 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
10680 /	DEF AT faunal change (no faunal increase)	DEF IN 4
10829 /	DEF AT Cyclammina sp. (local marker)	DEF AT 5
10830 /	DEF AT local marker planktic foram increase	DEF AT 5
10860 /	DEF AT poor sample interval top	DEF AT 5
11040 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11069 /	DEF AT poor sample interval bottom	DEF AT 5
11070 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11100 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11459 /	DEF AT foram flood	DEF AT 5
11460 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11580 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
11850 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
11970 /	DEF AT cement	POS AT 5
12450 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 03-NOV-1987	First Sample Examined: 3870
Lease Number: G02285	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 003	Paleo Done By: ROBERT WITROCK	Borehole TVD: 14000
API Well Number: 177084020500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 3870 - 14000	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
12779 /	DEF AT poor sample interval top	DEF AT 6
12780 /	DEF AT drilling material	DEF AT 6
13660 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13960 /	DEF AT Arenaceous fauna (local marker)	DEF AT 6
13999 /	DEF AT poor sample interval bottom	DEF AT 6
14000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 15-APR-1974	First Sample Examined: 3356
Lease Number: G02285	Source of Paleo: OPERATOR	Borehole MD: 9010
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9010
API Well Number: 177084006000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3356 - 8990	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3356 /	DEF AT first sample examined	DEF AT 3
3357 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4100 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4310 /	DEF AT - - - - -	DEF AT 5
7550 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8990 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 153	Date of Summary: 15-MAR-1974	First Sample Examined: 3840
Lease Number: G02285	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11500
API Well Number: 177084006300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3840 - 11490	Water Depth: 235
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3840 /	DEF AT first sample examined	DEF IN 3
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5580 /	DEF AT - - - - -	DEF AT 4
5670 /	DEF AT - - - - -	DEF AT 5
5820 /	DEF AT cement	POS AT 5
6000 /	DEF AT - - - - -	DEF IN 4
8890 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10030 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10480 /	DEF AT - - - - -	DEF AT 5
11190 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11490 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 157	Date of Summary: 01-OCT-1981	First Sample Examined: 2000
Lease Number: G04221	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13910
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 13910
API Well Number: 177084045800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 2000 - 13910	Water Depth: 250
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF AT 2
2360 / 2360	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3890 / 3890	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehisca (acme "A")	DEF AT 3
5000 / 5000	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5330 / 5330	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5810 / 5810	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6440 / 6440	DEF AT local marker planktic foram increase	DEF AT 3
7730 / 7729	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
9530 / 9528	DEF AT Cyclammina sp. (local marker)	DEF IN 3
9739 / 9737	DEF AT Bathysiphon fauna	DEF AT 4
9740 / 9738	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
10070 / 10068	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
10400 / 10398	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
10489 / 10487	DEF AT Bathysiphon fauna	DEF AT 4
10490 / 10488	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10940 / 10937	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11000 / 10997	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11120 / 11117	DEF AT Lower Pliocene (Zanclian) Sigmolite "P" / cf. schlumbergeri	DEF AT 4
11390 / 11387	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
11420 / 11417	DEF AT Bathysiphon fauna	DEF AT 4
12740 / 12720	DEF AT Arenaceous fauna (local marker)	DEF IN 4
12860 / 12837	DEF AT Cyclammina sp. (local marker)	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 157	Date of Summary: 01-OCT-1981	First Sample Examined: 2000
Lease Number: G04221	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13910
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 13910
API Well Number: 177084045800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 2000 - 13910	Water Depth: 250
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13099 / 13065	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 4
13100 / 13066	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 4
13340 / 13287	DEF AT Cyclammina sp. (local marker)	DEF IN 4
13910 / 13783	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 162	Date of Summary: 12-FEB-1988	First Sample Examined: 1280
Lease Number: G04810	Source of Paleo: OPERATOR	Borehole MD: 13141
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12439
API Well Number: 177084056600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1280 - 13130	Water Depth: 279
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1280 / 1280	DEF AT first sample examined	DEF AT 1
1670 / 1670	DEF AT -----	DEF AT 2
2100 / 2100	DEF AT -----	DEF AT 3
2400 / 2400	DEF AT -----	DEF AT 1
3700 / 3700	DEF AT -----	DEF AT 2
3830 / 3830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6400 / 6400	DEF AT -----	DEF AT 3
6650 / 6649	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6900 / 6899	DEF AT -----	DEF AT 2
8200 / 8199	DEF AT -----	DEF AT 3
9700 / 9698	DEF AT -----	DEF AT 4
13130 / 12430	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 165	Date of Summary: 03-AUG-1973	First Sample Examined: 1980
Lease Number: G02287	Source of Paleo: OPERATOR	Borehole MD: 5627
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5626
API Well Number: 177084004600	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1980 - 5627	Water Depth: 265
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1980 / 1980	DEF AT first sample examined	DEF AT 3
1981 / 1981	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4620 / 4619	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4980 / 4979	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5627 / 5626	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 166	Date of Summary: 17-JUL-1973	First Sample Examined: 1500
Lease Number: G02288	Source of Paleo: OPERATOR	Borehole MD: 7414
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7414
API Well Number: 177084004300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 1500 - 5670	Water Depth: 265
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF AT 2
1770 / 1770	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3120 / 3120	DEF AT - - - - -	DEF AT 3
4260 / 4260	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5310 / 5310	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5430 / 5430	DEF AT - - - - -	DEF AT 4
5670 / 5670	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 166	Date of Summary: 17-JUL-1973	First Sample Examined: 5640
Lease Number: G02288	Source of Paleo: OPERATOR	Borehole MD: 7414
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7414
API Well Number: 177084004300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 5640 - 7410	Water Depth: 265
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5640 / 5640	DEF AT first sample examined	DEF AT
6240 / 6240	DEF AT - - - - -	DEF AT 5
6300 / 6300	DEF AT Cyclammina sp. (local marker)	DEF AT 5
6600 / 6600	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7290 / 7290	DEF AT - - - - -	DEF AT 6
7410 / 7410	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 166	Date of Summary: 27-SEP-1973	First Sample Examined: 2000
Lease Number: G02288	Source of Paleo: OPERATOR	Borehole MD: 8064
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8064
API Well Number: 177084005600	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 2000 - 8060	Water Depth: 265
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2000 / 2000	DEF AT first sample examined	DEF AT 3
2001 / 2001	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4730 / 4730	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6050 / 6050	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6500 / 6500	DEF AT - - - - -	DEF AT 4
6980 / 6980	DEF AT Cyclamina sp. (local marker)	DEF AT 4
7550 / 7550	DEF AT - - - - -	DEF AT 5
7670 / 7670	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8060 / 8060	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 167	Date of Summary: 19-MAR-1974	First Sample Examined: 1500
Lease Number: G02289	Source of Paleo: OPERATOR	Borehole MD: 8662
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8662
API Well Number: 177084005500	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 270
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 3
1920 / 1920	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4710 / 4710	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5250 / 5250	DEF AT - - - - -	DEF AT 5
6420 / 6419	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7230 / 7229	DEF AT - - - - -	DEF AT 6
7560 / 7558	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 6
7860 / 7857	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
8662 / 8657	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 167	Date of Summary: 03-APR-1974	First Sample Examined: 1500
Lease Number: G02289	Source of Paleo: OPERATOR	Borehole MD: 4926
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4926
API Well Number: 177084006600	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 296
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1500 / 1500	DEF AT first sample examined	DEF IN 3
2100 / 2100	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3940 / 3940	DEF AT - - - - -	DEF AT 4
4450 / 4450	DEF AT - - - - -	DEF AT 5
4930 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 167	Date of Summary: 31-DEC-1977	First Sample Examined: 510
Lease Number: G02289	Source of Paleo: OPERATOR	Borehole MD: 6214
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6027
API Well Number: 177084030900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 510 - 6190	Water Depth: 296
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
510 / 510	DEF AT first sample examined	DEF AT 2
511 / 511	DEF IN cement	DEF AT 2
570 / 570	DEF AT shell fragments	DEF AT 2
750 / 750	DEF AT -----	DEF AT 1
1300 / 1300	DEF AT -----	DEF AT 2
1480 / 1480	DEF AT -----	DEF AT 1
1810 / 1810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2050 / 2050	DEF AT -----	DEF AT 1
2770 / 2770	DEF AT -----	DEF AT 2
3760 / 3760	DEF AT cement	POS AT 2
4270 / 4260	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4330 / 4316	DEF AT cement	POS AT 2
5320 / 5215	DEF AT -----	DEF AT 3
5440 / 5324	DEF AT -----	DEF AT 4
5680 / 5542	DEF AT -----	DEF AT 3
5770 / 5624	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6100 / 5923	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 171	Date of Summary: 29-MAR-1974	First Sample Examined: 4220
Lease Number: G02291	Source of Paleo: OPERATOR	Borehole MD: 9735
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9735
API Well Number: 177084003200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 4220 - 9720	Water Depth: 296
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4220 /	DEF AT first sample examined	DEF AT 3
4221 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4250 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5120 /	DEF AT local marker benthic foram increase	DEF AT 3
5359 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5360 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5630 /	DEF AT local marker foram increase	DEF AT 4
7220 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8190 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9120 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9660 /	DEF AT pyrite	DEF AT 4
9690 /	DEF AT anhydrite	DEF AT 4
9720 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 171	Date of Summary: 25-JAN-1978	First Sample Examined: 3000
Lease Number: G02291	Source of Paleo: OPERATOR	Borehole MD: 6740
Well Name: 002	Paleo Done By: ECO-PAL	Borehole TVD: 5322
API Well Number: 177084031500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 3000 - 5280	Water Depth: 296
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2961	DEF AT first sample examined	DEF AT 1
3001 / 2962	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3210 / 3150	DEF AT faunal change (no faunal increase)	DEF AT 2
3300 / 3230	DEF AT faunal change (no faunal increase)	DEF AT 1
5280 / 4547	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 171	Date of Summary: 25-JAN-1978	First Sample Examined: 4890
Lease Number: G02291	Source of Paleo: OPERATOR	Borehole MD: 6740
Well Name: 002	Paleo Done By: ECO-PAL	Borehole TVD: 5322
API Well Number: 177084031500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 4890 - 6740	Water Depth: 296
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
4890 / 4350	DEF AT first sample examined	POS AT 1
5220 / 4516	POS AT faunal change (no faunal increase)	DEF AT 1
5700 / 4766	DEF AT non-marine sediment	DEF AT 0
5850 / 4844	DEF AT faunal change (no faunal increase)	DEF AT 1
5910 / 4876	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6030 / 4940	DEF AT faunal change (no faunal increase)	DEF AT 1
6740 / 5341	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 172	Date of Summary: 12-FEB-1988	First Sample Examined: 3460
Lease Number: G04810	Source of Paleo: OPERATOR	Borehole MD: 12450
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10502
API Well Number: 177084058501	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 3460 - 12450	Water Depth: 294
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3460	DEF AT first sample examined	DEF AT 2
3461 / 3461	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5800 / 5422	DEF AT - - - - -	DEF AT 3
6370 / 5849	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
9800 / 8490	DEF AT - - - - -	DEF AT 4
12450 / 10502	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 174	Date of Summary: 16-APR-1975	First Sample Examined: 1010
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 7401
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7400
API Well Number: 177084009100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1010 - 7401	Water Depth: 301
Public Info Code: Y 14-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 / 1010	DEF AT first sample examined	DEF AT 2
1420 / 1420	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2240 / 2240	DEF AT faunal change (no faunal increase)	DEF AT 4
2780 / 2780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3350 / 3350	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4230 / 4230	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4800 / 4800	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
5040 / 5040	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5340 / 5340	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5880 / 5880	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6659 / 6658	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
6660 / 6659	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6690 / 6689	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7016 / 7015	DEF AT pyrite	DEF AT 6
7017 / 7016	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 6
7018 / 7017	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
7019 / 7018	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
7020 / 7019	POS AT gouge	DEF AT 6
7350 / 7349	DEF AT salt	DEF AT 6
7401 / 7400	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 174	Date of Summary: 24-APR-1975	First Sample Examined: 1010
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 7401
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7400
API Well Number: 177084009100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1010 - 7401	Water Depth: 301
Public Info Code: Y 14-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 / 1010	DEF AT first sample examined	POS AT 1
1011 / 1011	DEF AT cement	POS AT 1
1130 / 1130	DEF AT faunal change (no faunal increase)	DEF AT 1
1400 / 1400	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 1
1700 / 1700	DEF AT faunal change (no faunal increase)	DEF AT 2
1820 / 1820	DEF AT faunal change (no faunal increase)	DEF AT 1
2210 / 2210	DEF IN local marker planktic foram increase	DEF AT 2
2420 / 2420	DEF AT faunal change (no faunal increase)	DEF AT 1
2840 / 2840	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
4710 / 4710	DEF AT faunal change (no faunal increase)	DEF AT 2
4859 / 4859	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4860 / 4860	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
6390 / 6389	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6720 / 6719	DEF AT Cyclammina sp. (local marker)	DEF AT 3
7139 / 7138	POS AT unconformity	DEF AT 5
7140 / 7139	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
7141 / 7140	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7350 / 7349	DEF AT salt	DEF AT 5
7401 / 7400	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 174	Date of Summary: 27-APR-1976	First Sample Examined: 1100
Lease Number: G02888	Source of Paleo: OPERATOR	Borehole MD: 8311
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8311
API Well Number: 177084013000	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 1100 - 8311	Water Depth: 280
Public Info Code: Y 26-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF IN 2
1280 /	DEF AT - - - - -	DEF AT 3
1430 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2810 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4340 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4820 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5000 /	DEF AT local marker deep water fauna	DEF AT 5
5090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5780 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7430 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7520 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7910 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
8059 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8060 /	DEF AT salt	DEF AT 5
8311 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 176	Date of Summary: 22-JAN-1974	First Sample Examined: 1130
Lease Number: G02292	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 3883
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 3883
API Well Number: 177084005400	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1130 - 3890	Water Depth: 328
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 /	DEF AT first sample examined	POS IN 2
1190 /	DEF AT pyrite	POS IN 2
1279 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1280 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1850 /	DEF AT pyrite	DEF AT 3
1970 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2090 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2750 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
3710 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
3770 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3800 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3890 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 176	Date of Summary: 09-NOV-1973	First Sample Examined: 1000
Lease Number: G02292	Source of Paleo: OPERATOR	Borehole MD: 4678
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4678
API Well Number: 177084005800	Drilling Operator: CONOCO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 4630	Water Depth: 328
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	POS AT 3
1001 /	DEF AT cement	POS AT 3
1180 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1270 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3010 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3011 /	DEF AT poor sample interval top	DEF AT 4
4059 /	DEF AT poor sample interval bottom	DEF AT 4
4060 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4061 /	POS AT gouge	DEF AT 5
4630 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 178	Date of Summary: 12-FEB-1988	First Sample Examined: 970
Lease Number: G02293	Source of Paleo: OPERATOR	Borehole MD: 7955
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7955
API Well Number: 177084009300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 970 - 7950	Water Depth: 328
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
970 /	DEF AT first sample examined	DEF AT 3
1150 /	DEF AT -----	DEF AT 2
1720 /	DEF AT -----	DEF AT 3
2170 /	DEF AT -----	DEF AT 2
2900 /	DEF AT -----	DEF AT 3
2950 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3880 /	DEF AT -----	DEF AT 2
4900 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7930 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 179	Date of Summary: 04-FEB-1974	First Sample Examined: 850
Lease Number: G02294	Source of Paleo: OPERATOR	Borehole MD: 7936
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7936
API Well Number: 177084003000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 850 - 7936	Water Depth: 328
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 /	DEF AT first sample examined	DEF IN 3
3340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5500 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7530 /	DEF AT - - - - -	DEF AT 5
7800 /	DEF AT anhydrite	DEF AT
7801 /	POS AT domal material	DEF AT
7936 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 184	Date of Summary: 23-JAN-1974	First Sample Examined: 1500
Lease Number: G02295	Source of Paleo: OPERATOR	Borehole MD: 9827
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9818
API Well Number: 177084006100	Drilling Operator: SUNRAY DX OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF IN 3
2310 / 2305	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4760 / 4755	DEF AT - - - - -	DEF AT 5
5900 / 5895	DEF AT - - - - -	DEF AT 6
6290 / 6285	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 6
7460 / 7454	DEF AT - - - - -	DEF AT 3
7700 / 7694	DEF AT - - - - -	DEF AT 5
7810 / 7804	DEF AT - - - - -	DEF AT 6
8090 / 8084	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 6
9827 / 9818	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 185	Date of Summary: 20-FEB-1974	First Sample Examined: 980
Lease Number: G02296	Source of Paleo: OPERATOR	Borehole MD: 4875
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4875
API Well Number: 177084003400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 980 - 4875	Water Depth: 330
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
980 /	DEF AT first sample examined	DEF IN 3
2630 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3830 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
4610 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
4875 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 185	Date of Summary: 04-MAR-1974	First Sample Examined: 1040
Lease Number: G02296	Source of Paleo: OPERATOR	Borehole MD: 6640
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6640
API Well Number: 177084006400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1040 - 6620	Water Depth: 330
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 /	DEF AT first sample examined	POS IN 3
1041 /	DEF IN cement	POS IN 3
1400 /	DEF AT - - - - -	DEF IN 3
2420 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4070 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4130 /	DEF AT - - - - -	DEF AT 5
4310 /	DEF AT - - - - -	DEF AT 4
6050 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6620 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 195	Date of Summary: 03-AUG-1981	First Sample Examined: 1130
Lease Number: G03557	Source of Paleo: OPERATOR	Borehole MD: 3833
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 3833
API Well Number: 177084050400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1130 - 3833	Water Depth: 394
Public Info Code: Y 11-JUN-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1130 / 1130	DEF AT first sample examined	DEF AT 2
2490 / 2490	DEF AT -----	DEF AT 3
2891 / 2891	DEF AT -----	DEF AT 4
3668 / 3668	DEF AT -----	DEF AT 3
3700 / 3700	DEF AT -----	DEF AT 2
3794 / 3794	DEF AT domal material	DEF AT 6
3795 / 3795	DEF AT gypsum	DEF AT 6
3833 / 3833	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 195	Date of Summary: 03-AUG-1981	First Sample Examined: 2070
Lease Number: G03557	Source of Paleo: OPERATOR	Borehole MD: 5236
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4490
API Well Number: 177084050401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2070 - 5204	Water Depth: 394
Public Info Code: Y 11-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2070 / 2044	DEF AT first sample examined	DEF AT 3
2370 / 2320	DEF AT -----	DEF AT 2
3591 / 3333	DEF AT limestone	DEF AT 2
3621 / 3355	DEF AT -----	DEF AT 4
4113 / 3707	DEF AT -----	DEF AT 3
4330 / 3859	DEF AT -----	DEF AT 2
4829 / 4207	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5204 / 4468	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 195	Date of Summary: 03-AUG-1981	First Sample Examined: 2500
Lease Number: G03557	Source of Paleo: OPERATOR	Borehole MD: 5100
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4469
API Well Number: 177084050402	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2500 - 5080	Water Depth: 394
Public Info Code: Y 11-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2427	DEF AT first sample examined	DEF AT 2
3520 / 3270	DEF AT - - - - -	DEF AT 4
3970 / 3621	DEF AT local marker deep water fauna	DEF AT 5
4210 / 3806	DEF AT - - - - -	DEF AT 4
4510 / 4032	DEF AT - - - - -	DEF AT 5
5080 / 4455	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 195	Date of Summary: 08-OCT-1981	First Sample Examined: 2020
Lease Number: G03557	Source of Paleo: OPERATOR	Borehole MD: 5180
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4989
API Well Number: 177084051200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2020 - 5158	Water Depth: 394
Public Info Code: Y 11-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2020 / 2020	DEF AT first sample examined	DEF AT 3
2140 / 2140	DEF AT - - - - -	DEF AT 4
2420 / 2420	DEF AT sample gap top	POS AT 4
2558 / 2558	DEF AT sample gap bottom	DEF AT 2
3052 / 3049	DEF AT shell fragments	DEF AT 2
3795 / 3766	DEF AT - - - - -	DEF AT 3
4164 / 4111	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4349 / 4279	DEF AT - - - - -	DEF AT 4
4763 / 4637	DEF AT - - - - -	DEF AT 3
4972 / 4814	DEF AT - - - - -	DEF AT 2
5158 / 4971	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 195	Date of Summary: 18-SEP-1981	First Sample Examined: 1290
Lease Number: G03557	Source of Paleo: OPERATOR	Borehole MD: 5077
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5077
API Well Number: 177084051600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1290 - 5077	Water Depth: 394
Public Info Code: Y 11-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1290 / 1290	DEF AT first sample examined	DEF AT 2
1291 / 1291	DEF IN cement	DEF AT 2
1909 / 1909	DEF AT local marker foram increase	DEF AT 4
2377 / 2377	DEF AT - - - - -	DEF AT 2
2895 / 2895	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3674 / 3674	DEF AT - - - - -	DEF AT 3
4139 / 4139	DEF AT - - - - -	DEF AT 2
4391 / 4391	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5077 / 5077	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 217	Date of Summary: 30-DEC-1965	First Sample Examined: 0
Lease Number: 00310	Source of Paleo: OPERATOR	Borehole MD: 8600
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 8574
API Well Number: 177070006500	Drilling Operator: TEXACO INC	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 14
Public Info Code: Y 24-JUN-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9850 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10200 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 233	Date of Summary: 01-MAR-1973	First Sample Examined: 0
Lease Number: G02299	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177074004200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6780 / 6775	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8040 / 8034	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9180 / 9174	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 233	Date of Summary: 23-MAR-1974	First Sample Examined: 0
Lease Number: G02299	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11410
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11410
API Well Number: 177074009900	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8575 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9200 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 234	Date of Summary: 07-MAY-1973	First Sample Examined: 0
Lease Number: G02300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15743
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15743
API Well Number: 177074004800	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 12-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8175 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10385 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12127 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
14330 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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End Date: 31-DEC-1987

Area Block: SM 235	Date of Summary: 07-MAR-1974	First Sample Examined: 0
Lease Number: G02300	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11050
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11050
API Well Number: 177074009100	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 19-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8630 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9170 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10160 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 238	Date of Summary: 19-MAY-1980	First Sample Examined: 6000
Lease Number: 00310	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13828
Well Name: 088	Paleo Done By: GAY LARRE'	Borehole TVD: 13800
API Well Number: 177074033600	Drilling Operator: TEXACO INC	Rkb Elevation: 45
Paleo Report Num: 1 of 2	Sample Range: 6000 - 12348	Water Depth: 22
Public Info Code: Y 27-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	POS IN 1
6710 / 6710	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
7730 / 7730	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 1
8510 / 8510	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
8600 / 8600	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 3
9259 / 9258	DEF AT local white Arenacous fauna	DEF IN 3
9260 / 9259	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
9530 / 9529	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
9860 / 9859	DEF AT pyrite	DEF AT 3
9950 / 9949	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
10020 / 10019	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
10200 / 10199	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
10500 / 10499	DEF AT foram flood	DEF IN 4
10590 / 10589	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF IN 4
10990 / 10988	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF IN 4
11020 / 11017	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF IN 4
11230 / 11227	DEF AT local marker foram decrease	DEF AT 4
11529 / 11526	DEF AT pyrite	DEF AT 4
11530 / 11527	DEF AT local marker benthic foram increase	DEF AT 4
11740 / 11737	DEF AT Eggerella sp. (local marker)	DEF IN 4
11919 / 11916	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
11920 / 11917	DEF AT Eggerella sp. (local marker)	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 238	Date of Summary: 19-MAY-1980	First Sample Examined: 6000
Lease Number: 00310	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13828
Well Name: 088	Paleo Done By: GAY LARRE'	Borehole TVD: 13800
API Well Number: 177074033600	Drilling Operator: TEXACO INC	Rkb Elevation: 45
Paleo Report Num: 1 of 2	Sample Range: 6000 - 12348	Water Depth: 22
Public Info Code: Y 27-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12130 / 12125	DEF AT foram flood	DEF IN 4
12348 / 12341	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 238	Date of Summary: 19-MAY-1980	First Sample Examined: 11915
Lease Number: 00310	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13828
Well Name: 088	Paleo Done By: GAY LARRE'	Borehole TVD: 13800
API Well Number: 177074033600	Drilling Operator: TEXACO INC	Rkb Elevation: 45
Paleo Report Num: 2 of 2	Sample Range: 11915 - 13820	Water Depth: 22
Public Info Code: Y 27-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11915 / 11912	DEF AT first sample examined	DEF IN 4
11916 / 11913	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 4
11975 / 11971	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
12055 / 12051	DEF AT local marker foram increase	DEF IN 4
12155 / 12150	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 4
12234 / 12228	DEF AT foram flood	DEF IN 4
12235 / 12229	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 4
12265 / 12259	DEF AT Eggerella sp. (local marker)	DEF AT 5
12415 / 12407	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
12624 / 12614	DEF AT deepwater facies Listerella fauna	DEF AT 5
12625 / 12615	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
12685 / 12674	DEF AT foram flood	DEF IN 5
12775 / 12762	DEF AT Cyclammina cancellata (local marker)	DEF IN 5
13135 / 13116	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 5
13285 / 13264	DEF AT foram flood	DEF IN 5
13520 / 13496	POS AT local marker foram decrease	DEF IN 5
13820 / 13792	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 243	Date of Summary: 01-FEB-1979	First Sample Examined: 8830
Lease Number: G02595	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13150
Well Name: A002	Paleo Done By: LEE LATTA	Borehole TVD: 12500
API Well Number: 177074012400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 8830 - 13150	Water Depth: 23
Public Info Code: Y 06-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8830 / 8179	DEF AT first sample examined	POS AT 3
9130 / 8479	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9490 / 8839	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9580 / 8929	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
9790 / 9139	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10090 / 9439	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
10210 / 9559	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10450 / 9799	DEF AT Eggerella sp. (local marker)	DEF AT 4
10660 / 10009	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11100 / 10449	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11310 / 10659	DEF AT local marker benthic foram increase	DEF AT 4
11990 / 11339	DEF AT Eggerella sp. (local marker)	DEF AT 4
12130 / 11479	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13150 / 12496	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 243	Date of Summary: 02-AUG-1977	First Sample Examined: 11330
Lease Number: G02596	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13654
Well Name: B003	Paleo Done By: LEE LATTA	Borehole TVD: 12671
API Well Number: 177074020400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 11330 - 13654	Water Depth: 23
Public Info Code: Y 03-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11330 / 10331	DEF AT first sample examined	DEF IN 4
11331 / 10332	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 4
11510 / 10511	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF IN 4
11780 / 10781	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
12350 / 11350	DEF AT Eggerella sp. (local marker)	DEF IN 4
12980 / 11980	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF IN 4
13380 / 12379	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13500 / 12499	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF IN 4
13590 / 12589	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13654 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 245	Date of Summary: 17-FEB-1983	First Sample Examined: 1050
Lease Number: G04813	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17998
API Well Number: 177074040600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 3	Sample Range: 1050 - 15500	Water Depth: 21
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1050 / 1050	DEF AT first sample examined	DEF AT 1
1051 / 1051	DEF AT shell fragments	DEF AT 1
6900 / 6900	DEF AT sample gap top	POS AT 1
7290 / 7289	DEF AT sample gap bottom	DEF AT 1
7470 / 7469	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8220 / 8219	DEF AT local marker foram decrease	DEF AT 1
8520 / 8519	DEF AT local marker foram increase	DEF AT 1
8521 / 8520	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
9000 / 8999	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9840 / 9839	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9990 / 9989	DEF AT local marker foram decrease	DEF AT 3
10200 / 10199	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10680 / 10679	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
11310 / 11309	DEF AT - - - - -	DEF AT 2
12000 / 11999	POS AT unconformity	POS AT 2
12090 / 12089	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13168 / 13167	DEF AT deepwater facies Cyclammina	DEF AT 3
13169 / 13168	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13230 / 13229	DEF AT cement	POS AT 3
13290 / 13289	DEF AT - - - - -	DEF AT 3
13560 / 13559	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13680 / 13678	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 245	Date of Summary: 17-FEB-1983	First Sample Examined: 1050
Lease Number: G04813	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17998
API Well Number: 177074040600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 3	Sample Range: 1050 - 15500	Water Depth: 21
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13830 / 13828	DEF AT - - - - -	DEF AT 4
13860 / 13858	DEF AT - - - - -	DEF AT 5
13920 / 13918	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
14340 / 14338	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14760 / 14758	DEF AT - - - - -	DEF AT 4
15470 / 15468	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 245	Date of Summary: 07-MAR-1983	First Sample Examined: 14595
Lease Number: G04813	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17998
API Well Number: 177074040600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 2 of 3	Sample Range: 14595 - 17305	Water Depth: 21
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14595 / 14593	DEF AT first sample examined	DEF AT 4
14596 / 14594	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
15660 / 15658	DEF AT local marker benthic foram increase	DEF AT 4
15810 / 15808	DEF AT local marker planktic foram increase	DEF AT 4
16020 / 16018	DEF AT local marker benthic foram increase	DEF AT 4
17070 / 17068	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
17250 / 17248	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
17305 / 17303	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 245	Date of Summary: 07-MAR-1983	First Sample Examined: 13700
Lease Number: G04813	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17998
API Well Number: 177074040600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 102
Paleo Report Num: 3 of 3	Sample Range: 13700 - 18000	Water Depth: 21
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13700 / 13698	DEF AT first sample examined	DEF AT 3
13701 / 13699	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
13760 / 13758	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
13820 / 13818	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13880 / 13878	DEF AT Arenaceous fauna (local marker)	DEF AT 6
13970 / 13968	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 6
14210 / 14208	DEF AT - - - -	DEF AT 5
14270 / 14268	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
14360 / 14358	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
15170 / 15168	DEF AT Arenaceous fauna (local marker)	DEF AT 4
16580 / 16578	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
16610 / 16608	DEF AT sample gap top	POS AT 4
17000 / 16998	DEF AT sample gap bottom	DEF AT 4
17060 / 17058	DEF AT faunal change (no faunal increase)	DEF AT 3
17240 / 17238	DEF AT faunal change (no faunal increase)	DEF AT 2
17480 / 17478	DEF AT local marker foram increase	DEF AT 3
17720 / 17718	DEF AT faunal change (no faunal increase)	DEF AT 2
18000 / 17998	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 249	Date of Summary: 12-JUN-1973	First Sample Examined: 920
Lease Number: G02301	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15752
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15752
API Well Number: 177074004300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 920 - 15752	Water Depth: 27
Public Info Code: Y 16-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
920 /	DEF AT first sample examined	POS IN 1
3720 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6400 /	DEF AT local marker benthic foram increase	DEF AT 2
6760 /	DEF AT pyrite	DEF AT 2
7480 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7680 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8280 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8760 /	DEF AT faunal change (no faunal increase)	DEF IN 2
9000 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9320 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 3
9680 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9840 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
10399 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
10400 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
10440 /	DEF AT local marker foram decrease	DEF AT 2
11040 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
11120 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
11440 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
11560 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
11640 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11920 /	DEF AT pyrite	DEF IN 3
12120 /	DEF AT local marker benthic foram increase	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 249	Date of Summary: 12-JUN-1973	First Sample Examined: 920
Lease Number: G02301	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15752
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15752
API Well Number: 177074004300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 920 - 15752	Water Depth: 27
Public Info Code: Y 16-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12280 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
12360 /	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 4
12600 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
12800 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
12840 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
12930 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
13000 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
13120 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 5
14110 /	DEF AT Bathysiphon fauna	DEF AT 4
14350 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
14860 /	DEF AT faunal change (no faunal increase)	DEF IN 3
15130 /	DEF AT faunal change (no faunal increase)	DEF AT 4
15200 /	POS AT Middle Miocene (Langhian) Globorotalia siakensis (coiling change left/right)	DEF AT 4
15370 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
15670 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
15752 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 249	Date of Summary: 08-NOV-1973	First Sample Examined: 920
Lease Number: G02301	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12360
Well Name: CA002	Paleo Done By: WING GEE	Borehole TVD: 12360
API Well Number: 177074005900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 920 - 12340	Water Depth: 25
Public Info Code: Y 04-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
920 /	DEF AT first sample examined	POS IN 1
921 /	DEF AT cement	POS IN 1
1040 /	DEF AT faunal change (no faunal increase)	DEF IN 1
3640 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6200 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
6400 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6440 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
7360 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7480 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8200 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8760 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9120 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9160 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9360 /	DEF AT local marker foram decrease	DEF AT 2
9480 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
9638 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9639 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
9640 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10200 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 2
10500 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10579 /	POS AT fault	DEF AT 4
10580 /	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 249	Date of Summary: 08-NOV-1973	First Sample Examined: 920
Lease Number: G02301	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12360
Well Name: CA002	Paleo Done By: WING GEE	Borehole TVD: 12360
API Well Number: 177074005900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 920 - 12340	Water Depth: 25
Public Info Code: Y 04-JUL-1975	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10620 /	DEF IN Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
10659 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
10660 /	POS IN Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
11300 /	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
11419 /	DEF AT local marker benthic foram increase	DEF IN 3
11420 /	DEF AT Eggerella 3 (local marker)	DEF IN 3
11460 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11890 /	DEF AT local marker benthic foram increase	DEF IN 3
12360 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 251	Date of Summary: 17-DEC-1985	First Sample Examined: 0
Lease Number: G07722	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9899
API Well Number: 177074051400	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 25-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8210 / 8210	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9530 / 9530	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 252	Date of Summary: 23-DEC-1974	First Sample Examined: 0
Lease Number: G02598	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13200
API Well Number: 177074012100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 29-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5620 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
7450 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8240 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9430 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10780 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
12340 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 252	Date of Summary: 05-FEB-1979	First Sample Examined: 3750
Lease Number: G02598	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11010
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11010
API Well Number: 177074022000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 3750 - 11010	Water Depth: 25
Public Info Code: Y 13-APR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3750 / 3750	DEF AT first sample examined	DEF AT 2
6930 / 6930	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7770 / 7770	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8640 / 8640	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8910 / 8910	DEF AT Cyclammina sp. (local marker)	DEF AT 3
8970 / 8970	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
9330 / 9330	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9780 / 9780	DEF AT Eggerella sp. (local marker)	DEF IN 3
9870 / 9870	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF IN 3
10470 / 10470	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10680 / 10679	DEF AT local marker planktic foram increase	DEF AT 4
10770 / 10769	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11010 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 255	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: G04111	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13483
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13252
API Well Number: 177074039200	Drilling Operator: BP Exploration Inc.	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 12-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3930 / 3917	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9330 / 9168	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10080 / 9896	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11760 / 11543	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
12420 / 12196	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 255	Date of Summary: 03-NOV-1989	First Sample Examined: 4210
Lease Number: G04111	Source of Paleo: OPERATOR	Borehole MD: 18365
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 18235
API Well Number: 177074046900	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4210 - 17440	Water Depth: 22
Public Info Code: Y 12-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4210 / 4210	DEF AT first sample examined	DEF AT 1
7870 / 7870	DEF AT sample gap top	POS AT 1
7929 / 7929	DEF AT sample gap bottom	DEF AT 1
7930 / 7930	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
8140 / 8140	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8200 / 8200	DEF AT sample gap top	POS AT 1
8410 / 8410	DEF AT sample gap bottom	DEF AT 1
8650 / 8650	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
9129 / 9129	DEF AT Cyclammina sp. (local marker)	DEF AT 2
9130 / 9130	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
9550 / 9550	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
9760 / 9760	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 2
9910 / 9909	DEF AT - - - - -	DEF AT 1
10840 / 10839	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
11080 / 11079	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11140 / 11139	DEF AT - - - - -	DEF AT 2
11260 / 11259	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
12010 / 12009	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
13150 / 13149	DEF AT - - - - -	DEF AT 4
13780 / 13778	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
14800 / 14795	DEF AT sample gap top	POS AT 4
15160 / 15153	DEF AT sample gap bottom	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 255	Date of Summary: 03-NOV-1989	First Sample Examined: 4210
Lease Number: G04111	Source of Paleo: OPERATOR	Borehole MD: 18365
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 18235
API Well Number: 177074046900	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4210 - 17440	Water Depth: 22
Public Info Code: Y 12-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15820 / 15809	DEF AT - - - - -	DEF AT 5
16030 / 16015	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
16810 / 16784	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
17440 / 17407	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 257	Date of Summary: 23-AUG-1973	First Sample Examined: 5000
Lease Number: G02303	Source of Paleo: OPERATOR	Borehole MD: 12300
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12300
API Well Number: 177074006900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12300	Water Depth: 30
Public Info Code: Y 31-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 1
9430 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9970 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10840 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11470 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12190 /	DEF AT local marker (general)	DEF AT 4
12300 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 258	Date of Summary: 29-MAR-1978	First Sample Examined: 860
Lease Number: G02304	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13450
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13450
API Well Number: 177074025000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 860 - 13450	Water Depth: 25
Public Info Code: Y 15-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
860 / 860	DEF AT first sample examined	DEF AT 1
861 / 861	DEF IN local marker benthic foram increase	DEF AT 1
1010 / 1010	DEF AT local marker foram decrease	DEF AT 1
3710 / 3710	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
3830 / 3829	DEF AT local marker foram decrease	DEF AT 1
5930 / 5929	DEF AT local marker benthic foram increase	DEF AT 1
6650 / 6648	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7700 / 7698	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8000 / 7998	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8060 / 8057	DEF AT local marker foram decrease	DEF AT 3
8330 / 8327	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9000 / 8997	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 4
9210 / 9207	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9450 / 9447	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
9570 / 9567	DEF AT local marker planktic foram increase	DEF IN 3
9969 / 9965	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
9970 / 9966	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10090 / 10086	DEF AT local marker foram increase	DEF IN 3
10630 / 10625	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
11170 / 11165	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF IN 3
11290 / 11285	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
11710 / 11704	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 258	Date of Summary: 29-MAR-1978	First Sample Examined: 860
Lease Number: G02304	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13450
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 13450
API Well Number: 177074025000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 860 - 13450	Water Depth: 25
Public Info Code: Y 15-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11740 / 11734	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
12160 / 12153	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
12310 / 12303	DEF IN Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 4
12760 / 12751	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
13420 / 13406	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
13450 / 13435	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 260	Date of Summary: 15-JUN-1977	First Sample Examined: 3050
Lease Number: G02305	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12691
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 11351
API Well Number: 177074019500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 3050 - 12690	Water Depth: 25
Public Info Code: Y 02-FEB-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3050 / 3050	DEF AT first sample examined	POS AT 1
3140 / 3140	DEF AT faunal change (no faunal increase)	DEF AT 1
3620 / 3620	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5920 / 5920	DEF AT faunal change (no faunal increase)	DEF AT 1
6400 / 6399	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
6490 / 6487	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
6850 / 6836	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7320 / 7269	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7700 / 7603	DEF AT local marker foram increase	DEF AT 3
7980 / 7836	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8450 / 8201	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8730 / 8424	DEF AT Eggerella sp. (local marker)	DEF AT 4
9360 / 8915	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9900 / 9333	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9960 / 9377	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10140 / 9505	DEF AT Eggerella sp. (local marker)	DEF AT 4
10800 / 9973	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11340 / 10343	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
12090 / 10831	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12690 / 11195	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 262	Date of Summary: 05-OCT-1973	First Sample Examined: 0
Lease Number: G02307	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14006
API Well Number: 177074005600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6900 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8100 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8580 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9210 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10320 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12420 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 265	Date of Summary: 22-DEC-1976	First Sample Examined: 4000
Lease Number: G02890	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16350
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16350
API Well Number: 177074014800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 4000 - 16350	Water Depth: 30
Public Info Code: Y 19-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3998	DEF AT first sample examined	POS AT 2
4001 / 3999	DEF AT cement	POS AT 2
4180 / 4178	DEF AT local marker benthic foram increase	DEF AT 2
4960 / 4958	DEF AT local marker benthic foram increase	DEF AT 2
6470 / 6467	DEF AT local marker benthic foram increase	DEF AT 2
8040 / 8037	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9080 / 9076	DEF AT local marker benthic foram increase	DEF AT 2
9930 / 9926	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10020 / 10016	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
10350 / 10346	DEF AT local marker planktic foram increase	DEF AT 3
10440 / 10436	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10530 / 10526	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11060 / 11056	DEF AT local marker foram decrease	DEF AT 3
11690 / 11686	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12080 / 12076	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 3
12110 / 12106	DEF AT local marker foram decrease	DEF AT 3
12679 / 12675	DEF AT Eggerella sp. (local marker)	DEF IN 4
12680 / 12676	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 4
13700 / 13695	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 4
14030 / 14025	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
14570 / 14562	DEF AT local marker planktic foram increase	DEF IN 4
14990 / 14979	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 265	Date of Summary: 22-DEC-1976	First Sample Examined: 4000
Lease Number: G02890	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16350
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16350
API Well Number: 177074014800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 4000 - 16350	Water Depth: 30
Public Info Code: Y 19-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15230 / 15217	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 4
15500 / 15484	DEF AT local marker planktic foram increase	DEF IN 4
16240 / 16218	DEF AT Eggerella sp. (local marker)	DEF IN 4
16350 / 16327	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 265	Date of Summary: 08-NOV-1989	First Sample Examined: 9630
Lease Number: G02890	Source of Paleo: OPERATOR	Borehole MD: 16350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16350
API Well Number: 177074014800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 42
Paleo Report Num: 2 of 2	Sample Range: 4000 - 16330	Water Depth: 30
Public Info Code: Y 19-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
9630 / 9626	DEF AT first sample examined	DEF AT 2
9930 / 9926	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10160 / 10156	DEF AT - - - - -	DEF AT 2
10650 / 10646	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11690 / 11686	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
11810 / 11806	DEF AT - - - - -	DEF AT 3
14030 / 14025	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
14300 / 14294	DEF AT - - - - -	DEF AT 4
14840 / 14830	DEF AT - - - - -	DEF AT 3
14960 / 14949	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
15560 / 15544	DEF AT - - - - -	DEF AT 4
16330 / 16307	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 265	Date of Summary: 16-FEB-1978	First Sample Examined: 4030
Lease Number: G02890	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12878
Well Name: CA002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 12875
API Well Number: 177074024200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 4030 - 12878	Water Depth: 25
Public Info Code: Y 29-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 / 4029	DEF AT first sample examined	DEF AT 2
6040 / 6039	DEF AT local marker benthic foram increase	DEF AT 2
6550 / 6549	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7000 / 6998	DEF AT local marker benthic foram increase	DEF AT 2
7600 / 7598	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8800 / 8798	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9280 / 9278	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9400 / 9398	DEF AT local marker foram decrease	DEF AT 3
10090 / 10088	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10900 / 10898	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10960 / 10958	DEF AT Eggerella sp. (local marker)	DEF AT 4
11170 / 11168	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
11350 / 11348	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11440 / 11438	DEF AT local marker foram decrease	DEF AT 4
11470 / 11468	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11890 / 11888	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
12190 / 12188	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12250 / 12247	DEF AT local marker foram decrease	DEF AT 4
12370 / 12367	DEF AT local marker foram increase	DEF AT 4
12459 / 12456	POS AT reworked material	DEF AT 4
12460 / 12457	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12640 / 12637	DEF AT local marker foram decrease	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 265	Date of Summary: 16-FEB-1978	First Sample Examined: 4030
Lease Number: G02890	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12878
Well Name: CA002	Paleo Done By: JOHN CARSTENS	Borehole TVD: 12875
API Well Number: 177074024200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 4030 - 12878	Water Depth: 25
Public Info Code: Y 29-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12820 / 12817	DEF AT anhydrite	DEF AT 4
12850 / 12847	DEF AT local marker benthic foram increase	DEF AT 4
12878 / 12875	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 266	Date of Summary: 10-SEP-1973	First Sample Examined: 0
Lease Number: G02308	Source of Paleo: OPERATOR	Borehole MD: 13272
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13272
API Well Number: 177074004600	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8386 / 8382	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8786 / 8782	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9506 / 9502	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
10260 / 10256	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12091 / 12085	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 25-APR-1973	First Sample Examined: 3060
Lease Number: G02309	Source of Paleo: OPERATOR	Borehole MD: 9858
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9858
API Well Number: 177074003900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 55
Paleo Report Num: 1 of 2	Sample Range: 3060 - 9858	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3060 /	DEF AT first sample examined	DEF IN 1
3983 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4110 /	DEF AT - - - - -	DEF IN 1
6623 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6747 /	DEF AT - - - - -	DEF IN 2
7603 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
8006 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8715 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8870 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
9265 /	DEF AT sand	DEF IN 3
9618 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9804 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 5
9858 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 01-MAY-1973	First Sample Examined: 0
Lease Number: G02309	Source of Paleo: OPERATOR	Borehole MD: 9858
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9858
API Well Number: 177074003900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 55
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7530 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8640 /	DEF AT - - - - -	DEF AT 2
8760 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9090 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9480 /	DEF AT - - - - -	DEF AT 3
9900 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10890 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
11190 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 10-JUL-1973	First Sample Examined: 3618
Lease Number: G02309	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14000
API Well Number: 177074004000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 3618 - 14000	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3618 /	DEF AT first sample examined	DEF AT 1
3972 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7283 /	DEF AT cement	POS AT 2
7389 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7604 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8167 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8790 /	POS AT Cyclammina sp. (local marker)	DEF AT 4
8917 /	DEF AT - - - - -	DEF AT 3
9713 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
9714 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9997 /	DEF AT deepwater facies Listerella fauna	DEF AT 4
10795 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
11204 /	DEF AT sample gap top	POS AT 4
11297 /	DEF AT sample gap bottom	DEF AT 5
11298 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
11950 /	DEF AT local marker benthic foram increase	DEF AT 5
12200 /	DEF AT - - - - -	DEF AT 4
12476 /	DEF AT local marker benthic foram increase	DEF AT 4
12667 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
13260 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13636 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
13699 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 10-JUL-1973	First Sample Examined: 3618
Lease Number: G02309	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14000
API Well Number: 177074004000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 3618 - 14000	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /	DEF AT last sample examined	DEF AT 5

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End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 03-OCT-1973	First Sample Examined: 3500
Lease Number: G02309	Source of Paleo: OPERATOR	Borehole MD: 10335
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8235
API Well Number: 177074007800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 50
Paleo Report Num: 1 of 3	Sample Range: 3500 - 10320	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 3276	DEF AT first sample examined	POS AT 2
3501 / 3277	DEF AT cement	POS AT 2
3590 / 3338	DEF AT - - - - -	DEF AT 2
4070 / 3679	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4370 / 3890	DEF AT - - - - -	DEF AT 2
7480 / 6215	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9010 / 7328	DEF AT sample gap top	POS AT 2
9329 / 7559	DEF AT sample gap bottom	DEF AT 4
9330 / 7560	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9600 / 7759	DEF AT - - - - -	DEF AT 3
9960 / 8028	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10320 / 8294	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 18-OCT-1973	First Sample Examined: 3500
Lease Number: G02309	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10335
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 8235
API Well Number: 177074007800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 50
Paleo Report Num: 2 of 3	Sample Range: 3500 - 10320	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3276	DEF AT first sample examined	DEF AT
4070 / 3679	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
7480 / 6215	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
9010 / 7328	DEF AT sample gap top	DEF AT
9329 / 7559	DEF AT sample gap bottom	DEF AT
9330 / 7560	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9960 / 8028	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10320 / 8294	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 267	Date of Summary: 31-JUL-1990	First Sample Examined: 3500
Lease Number: G02309	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10335
Well Name: 003	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 8235
API Well Number: 177074007800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 50
Paleo Report Num: 3 of 3	Sample Range: 3500 - 10320	Water Depth: 24
Public Info Code: Y 27-MAY-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3276	DEF AT first sample examined	POS AT 2
3501 / 3277	DEF AT cement	POS AT 2
4070 / 3679	DEF AT local marker foram increase	DEF AT 2
7360 / 6132	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 2
7900 / 6516	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9390 / 7604	DEF AT local marker foram increase	DEF AT 2
9450 / 7648	DEF AT local marker foram increase	DEF AT 3
9540 / 7714	DEF AT faunal change (no faunal increase)	DEF AT 4
9570 / 7737	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9600 / 7759	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10260 / 8250	DEF AT local marker benthic foram increase	DEF IN 3
10320 / 8294	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 25-MAY-1973	First Sample Examined: 6510
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 9461
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9324
API Well Number: 177074005000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 6510 - 9461	Water Depth: 25
Public Info Code: Y 23-JUN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 / 6379	DEF AT first sample examined	DEF IN 2
7200 / 7063	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
8630 / 8492	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8900 / 8761	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9310 / 9171	DEF AT anhydrite	POS AT 3
9461 / 9322	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 24-MAY-1973	First Sample Examined: 6190
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11394
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11394
API Well Number: 177074006000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 6190 - 11363	Water Depth: 25
Public Info Code: Y 04-JUN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6190 /	DEF AT first sample examined	DEF IN 2
7480 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9690 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10620 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11363 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 28-FEB-1974	First Sample Examined: 8000
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 14910
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14910
API Well Number: 177074008800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 8000 - 14900	Water Depth: 25
Public Info Code: Y 07-MAR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF IN 3
10040 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10720 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11620 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13290 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14210 /	DEF AT local marker (general)	DEF AT 4
14900 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 09-JAN-1975	First Sample Examined: 7524
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 9459
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9459
API Well Number: 177074013000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7524 - 9459	Water Depth: 25
Public Info Code: Y 06-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7524 /	DEF AT first sample examined	POS AT 3
8478 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8808 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
9276 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9459 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 04-FEB-1975	First Sample Examined: 7830
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 10108
Well Name: 007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9678
API Well Number: 177074013001	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 7830 - 10020	Water Depth: 25
Public Info Code: Y 25-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7553	DEF AT first sample examined	DEF IN 3
9810 / 9401	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9870 / 9458	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10020 / 9599	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 23-MAY-1975	First Sample Examined: 8488
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 14509
Well Name: 008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14509
API Well Number: 177074014200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 8488 - 14509	Water Depth: 25
Public Info Code: Y 18-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	DEF	AT	Ecozone
8488 /	DEF AT first sample examined	DEF	AT	
8489 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF	AT	
10160 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF	AT	4
10790 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF	AT	4
12050 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF	AT	4
13390 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF	AT	4
14310 /	DEF AT local marker (general)	DEF	AT	4
14509 /	DEF AT last sample examined	DEF	AT	4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 18-JUL-1973	First Sample Examined: 7020
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 13168
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13167
API Well Number: 177074006200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 7020 - 13140	Water Depth: 32
Public Info Code: Y 15-AUG-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 /	DEF AT first sample examined	DEF IN 2
7380 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
10620 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
12150 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
12480 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF IN 2
12900 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
13140 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 01-NOV-1973	First Sample Examined: 6510
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12255
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11906
API Well Number: 177074007600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 6510 - 12070	Water Depth: 27
Public Info Code: Y 25-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6510 / 6241	DEF AT first sample examined	DEF IN 2
7560 / 7237	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
9950 / 9603	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10700 / 10353	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11860 / 11513	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12070 / 11722	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 08-MAY-1974	First Sample Examined: 8990
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12532
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12332
API Well Number: 177074010200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 8990 - 12530	Water Depth: 32
Public Info Code: Y 05-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8794	DEF AT first sample examined	DEF IN 2
10120 / 9923	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10740 / 10543	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12200 / 12002	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12530 / 12332	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 22-JUL-1974	First Sample Examined: 9020
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12486
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12252
API Well Number: 177074010700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9020 - 12486	Water Depth: 32
Public Info Code: Y 13-AUG-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 8793	DEF AT first sample examined	DEF IN 2
10146 / 9915	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10746 / 10514	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12486 / 12252	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 23-OCT-1974	First Sample Examined: 9170
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12430
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12040
API Well Number: 177074011900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 9170 - 11210	Water Depth: 30
Public Info Code: Y 13-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9170 / 8930	DEF AT first sample examined	DEF IN 2
10100 / 9820	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10700 / 10390	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11210 / 10874	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 23-OCT-1974	First Sample Examined: 10010
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12430
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12040
API Well Number: 177074011900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 10010 - 12270	Water Depth: 30
Public Info Code: Y 13-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 9734	DEF AT first sample examined	DEF AT 4
10130 / 9848	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10780 / 10466	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12210 / 11832	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12270 / 11890	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 03-JAN-1975	First Sample Examined: 9510
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 14696
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13919
API Well Number: 177074012800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 9510 - 14690	Water Depth: 32
Public Info Code: Y 07-JAN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9293	DEF AT first sample examined	DEF IN 2
9900 / 9672	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10620 / 10374	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12170 / 11888	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13820 / 13341	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14690 / 13925	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 28-FEB-1975	First Sample Examined: 9490
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11520
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10822
API Well Number: 177074013600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9490 - 11520	Water Depth: 32
Public Info Code: Y 27-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 8987	DEF AT first sample examined	DEF AT
9491 / 8988	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
10570 / 9961	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11110 / 10450	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11520 / 10822	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 02-APR-1975	First Sample Examined: 9000
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11377
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11103
API Well Number: 177074013800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9000 - 11376	Water Depth: 32
Public Info Code: Y 02-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8789	DEF AT first sample examined	DEF IN 2
9840 / 9600	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10500 / 10238	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11110 / 10826	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11376 / 11083	DEF AT last sample examined	DEF AT 4

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Area Block: SM 268	Date of Summary: 30-JUN-1975	First Sample Examined: 8900
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11074
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9908
API Well Number: 177074014700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 8900 - 10772	Water Depth: 32
Public Info Code: Y 21-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 7972	DEF AT first sample examined	DEF AT
10040 / 8984	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10772 / 9642	DEF AT last sample examined	DEF AT

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Area Block: SM 268	Date of Summary: 30-JUN-1975	First Sample Examined: 8900
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11074
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9908
API Well Number: 177074014700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 8900 - 11074	Water Depth: 32
Public Info Code: Y 21-JUL-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8900 / 7972	DEF AT first sample examined	DEF AT
10100 / 9037	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10298 / 9213	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11074 / 9915	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 04-AUG-1975	First Sample Examined: 10010
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11830
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11277
API Well Number: 177074015100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10010 - 11830	Water Depth: 30
Public Info Code: Y 31-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 9532	DEF AT first sample examined	DEF IN 2
10810 / 10295	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11230 / 10698	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11470 / 10929	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11830 / 11278	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 29-AUG-1975	First Sample Examined: 10510
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12022
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10929
API Well Number: 177074015700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10510 - 12020	Water Depth: 30
Public Info Code: Y 21-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10510 / 9558	DEF AT first sample examined	DEF IN 3
11260 / 10235	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12020 / 10921	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 22-SEP-1975	First Sample Examined: 10000
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11440
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11150
API Well Number: 177074015101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 10000 - 11437	Water Depth: 30
Public Info Code: Y 13-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9712	DEF AT first sample examined	DEF IN 2
10360 / 10070	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10450 / 10160	DEF AT - - - - -	DEF AT 4
10840 / 10550	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11437 / 11147	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 08-OCT-1975	First Sample Examined: 9510
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 10886
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10632
API Well Number: 177074015102	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 9510 - 10885	Water Depth: 32
Public Info Code: Y 04-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9257	DEF AT first sample examined	DEF IN 2
10250 / 9997	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10330 / 10077	DEF AT - - - - -	DEF AT 4
10885 / 10630	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 10-NOV-1975	First Sample Examined: 9480
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11915
Well Name: A014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10764
API Well Number: 177074016100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9480 - 11910	Water Depth: 32
Public Info Code: Y 02-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9480 / 8546	DEF AT first sample examined	DEF IN 3
11100 / 10012	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11790 / 10649	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11910 / 10760	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 06-JAN-1976	First Sample Examined: 10190
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11770
Well Name: A016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10757
API Well Number: 177074016400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10190 - 11770	Water Depth: 32
Public Info Code: Y 01-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10190 / 9398	DEF AT first sample examined	DEF IN 3
10910 / 10010	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11480 / 10503	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11770 / 10757	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 18-FEB-1976	First Sample Examined: 9600
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 12152
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11556
API Well Number: 177074016800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9600 - 12152	Water Depth: 32
Public Info Code: Y 06-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9600 / 9009	DEF AT first sample examined	DEF IN 3
10260 / 9666	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10770 / 10175	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12152 / 11557	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 18-MAR-1976	First Sample Examined: 9900
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11255
Well Name: A018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10739
API Well Number: 177074017100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9900 - 11250	Water Depth: 30
Public Info Code: Y 11-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 / 9449	DEF AT first sample examined	POS AT 4
10500 / 10017	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11250 / 10734	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 13-APR-1976	First Sample Examined: 10090
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11133
Well Name: A019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10571
API Well Number: 177074017500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10090 - 11120	Water Depth: 32
Public Info Code: Y 13-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10090 / 9529	DEF AT first sample examined	DEF AT 2
10120 / 9559	DEF AT sample gap top	POS AT 2
10279 / 9718	DEF AT sample gap bottom	DEF AT 4
10280 / 9719	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10420 / 9859	DEF AT sample gap top	POS AT 4
10759 / 10198	DEF AT sample gap bottom	DEF AT 4
10760 / 10199	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11120 / 10559	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 26-MAY-1976	First Sample Examined: 9990
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 10988
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10803
API Well Number: 177074017800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9990 - 10860	Water Depth: 32
Public Info Code: Y 18-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9805	DEF AT first sample examined	DEF AT 4
9991 / 9806	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10350 / 10165	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10860 / 10675	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 25-OCT-1976	First Sample Examined: 10150
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11515
Well Name: A023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10775
API Well Number: 177074019300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10150 - 11380	Water Depth: 32
Public Info Code: Y 06-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10150 / 9485	DEF AT first sample examined	POS AT 4
10630 / 9937	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10960 / 10249	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11380 / 10647	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 03-MAR-1977	First Sample Examined: 10000
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11462
Well Name: D001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10958
API Well Number: 177074020600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10000 - 11470	Water Depth: 27
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9582	DEF AT first sample examined	DEF IN 2
10660 / 10211	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11380 / 10882	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11470 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 13-JUN-1977	First Sample Examined: 9500
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 10833
Well Name: D003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10613
API Well Number: 177074021600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 9500 - 10800	Water Depth: 27
Public Info Code: Y 12-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9331	DEF AT first sample examined	POS AT 4
10350 / 10147	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10800 / 10582	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 08-AUG-1977	First Sample Examined: 9990
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11491
Well Name: D004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10991
API Well Number: 177074022500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9990 - 11460	Water Depth: 32
Public Info Code: Y 05-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9990 / 9526	DEF AT first sample examined	DEF IN 3
10565 / 10084	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11130 / 10634	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11460 / 10961	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 21-NOV-1977	First Sample Examined: 9500
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 11390
Well Name: D006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11212
API Well Number: 177074024700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9500 - 11390	Water Depth: 27
Public Info Code: Y 06-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 9323	DEF AT first sample examined	DEF IN 2
10230 / 10053	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10770 / 10593	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11390 / 11213	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 13-JUL-1976	First Sample Examined: 9700
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12672
Well Name: A021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11280
API Well Number: 177074018100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9700 - 12680	Water Depth: 32
Public Info Code: Y 08-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 8622	DEF AT first sample examined	DEF IN 2
11310 / 10043	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
12050 / 10706	DEF AT sample gap top	POS IN 2
12619 / 11230	DEF AT sample gap bottom	DEF IN 2
12620 / 11231	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
12680 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 07-JUL-1976	First Sample Examined: 9780
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12200
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11190
API Well Number: 177074018900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9780 - 12020	Water Depth: 27
Public Info Code: Y 22-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9780 / 8781	DEF AT first sample examined	DEF AT 3
10660 / 9642	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11230 / 10205	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11840 / 10815	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12020 / 10995	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 20-DEC-1976	First Sample Examined: 11015
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12568
Well Name: A024	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11274
API Well Number: 177074020000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 11015 - 12560	Water Depth: 33
Public Info Code: Y 15-JAN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11015 / 9848	DEF AT first sample examined	DEF IN 3
11165 / 9982	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11680 / 10443	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12560 / 11216	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 04-MAY-1977	First Sample Examined: 9855
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13652
Well Name: D002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13187
API Well Number: 177074021100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9855 - 13640	Water Depth: 27
Public Info Code: Y 30-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9855 / 9661	DEF AT first sample examined	DEF AT 4
10382 / 10155	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11002 / 10733	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12113 / 11767	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13640 / 13176	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 268	Date of Summary: 06-OCT-1977	First Sample Examined: 9500
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 12409
Well Name: D005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11855
API Well Number: 177074023200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9500 - 12400	Water Depth: 27
Public Info Code: Y 02-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9500 / 8987	DEF AT first sample examined	DEF AT 4
10760 / 10205	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11410 / 10839	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12400 / 11815	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 15-NOV-1976	First Sample Examined: 7500
Lease Number: G02310	Source of Paleo: OPERATOR	Borehole MD: 10366
Well Name: B016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9287
API Well Number: 177074019200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7500 - 10356	Water Depth: 27
Public Info Code: Y 12-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 6487	DEF AT first sample examined	DEF IN 3
9890 / 8810	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
10340 / 9260	DEF IN local marker (general)	DEF IN 3
10356 / 9276	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 06-APR-1973	First Sample Examined: 6000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 15045
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15045
API Well Number: 177074004500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 2	Sample Range: 6000 - 15020	Water Depth: 25
Public Info Code: Y 06-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF IN 2
7200 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
8760 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9420 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10290 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11010 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12115 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
12895 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
13900 /	DEF AT - - - - -	DEF AT 5
14020 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
14154 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
15020 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 06-SEP-1973	First Sample Examined: 6300
Lease Number: G02311	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15045
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 15045
API Well Number: 177074004500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 67
Paleo Report Num: 2 of 2	Sample Range: 6300 - 15020	Water Depth: 25
Public Info Code: Y 06-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6300 /	DEF AT first sample examined	DEF IN 1
6301 /	DEF AT shell fragments	DEF IN 1
7500 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8700 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
8730 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 2
8760 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
8820 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8940 /	DEF AT local marker foram decrease	DEF IN 2
9060 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9420 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10290 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10440 /	DEF AT local marker foram decrease	DEF AT 2
10920 /	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 2
10950 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11070 /	DEF AT local marker foram decrease	DEF IN 2
11230 /	DEF AT local marker benthic foram increase	DEF IN 2
11380 /	DEF AT local marker foram decrease	DEF IN 2
11470 /	DEF AT local marker benthic foram increase	DEF AT 3
12115 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
12775 /	POS AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 3
12894 /	DEF AT local marker planktic foram increase	DEF AT 3
12895 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 06-SEP-1973	First Sample Examined: 6300
Lease Number: G02311	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15045
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 15045
API Well Number: 177074004500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 67
Paleo Report Num: 2 of 2	Sample Range: 6300 - 15020	Water Depth: 25
Public Info Code: Y 06-MAY-1975	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13148 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13450 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
13540 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
13730 /	DEF AT local marker planktic foram increase	DEF AT 4
13760 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 4
13900 /	DEF AT local marker benthic foram increase	DEF AT 4
13990 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
14154 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
14184 /	DEF AT local marker benthic foram increase	DEF AT 6
14214 /	DEF AT faunal change (no faunal increase)	DEF AT 5
14270 /	DEF AT faunal change (no faunal increase)	DEF AT 4
14510 /	DEF AT local marker foram decrease	DEF IN 3
14630 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
14660 /	DEF AT faunal change (no faunal increase)	DEF AT 4
14720 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
15020 /	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 20-AUG-1973	First Sample Examined: 6930
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12730
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12588
API Well Number: 177074007000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 4	Sample Range: 6930 - 7980	Water Depth: 25
Public Info Code: Y 17-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6930 / 6865	DEF AT first sample examined	DEF IN 2
7680 / 7585	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
7980 / 7874	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 20-AUG-1973	First Sample Examined: 7720
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12730
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12588
API Well Number: 177074007000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 4	Sample Range: 7720 - 12730	Water Depth: 25
Public Info Code: Y 17-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 7624	DEF AT first sample examined	DEF AT 2
9940 / 9797	DEF AT - - - - -	DEF AT 4
10090 / 9947	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10700 / 10557	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11000 / 10856	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11960 / 11816	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
12650 / 12506	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12730 / 12586	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 04-DEC-1973	First Sample Examined: 6930
Lease Number: G02311	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12730
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 12588
API Well Number: 177074007000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 3 of 4	Sample Range: 6930 - 7980	Water Depth: 25
Public Info Code: Y 17-SEP-1975	Ecozone Eq MMS:	Paleo ID: 003

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6930 / 6865	DEF AT first sample examined	DEF AT
7680 / 7585	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7980 / 7874	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 04-DEC-1973	First Sample Examined: 7720
Lease Number: G02311	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12730
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 12588
API Well Number: 177074007000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 4 of 4	Sample Range: 7720 - 12730	Water Depth: 25
Public Info Code: Y 17-SEP-1975	Ecozone Eq MMS:	Paleo ID: 004

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 7624	DEF AT first sample examined	DEF AT
10090 / 9947	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10700 / 10557	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11000 / 10856	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11960 / 11816	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
12650 / 12506	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
12730 / 12586	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 10-APR-1974	First Sample Examined: 9000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 13800
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13800
API Well Number: 177074008400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13800	Water Depth: 25
Public Info Code: Y 09-MAY-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 9000	DEF AT first sample examined	DEF AT 2
9001 / 9001	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10200 / 10200	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10840 / 10840	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11660 / 11660	DEF AT - - - - -	DEF AT 4
11810 / 11810	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13540 / 13539	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13800 / 13799	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 11-AUG-1975	First Sample Examined: 9500
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11615
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11615
API Well Number: 177074015500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 9500 - 11615	Water Depth: 25
Public Info Code: Y 07-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9500 / 9500	DEF AT first sample examined	DEF IN 2
9919 / 9919	POS AT reworked material	DEF IN 2
9920 / 9920	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
10160 / 10160	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10940 / 10940	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11615 / 11615	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 25-SEP-1973	First Sample Examined: 1020
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11811
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11811
API Well Number: 177074004100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1020 - 11800	Water Depth: 30
Public Info Code: Y 22-APR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1020 /	DEF AT first sample examined	DEF AT
2750 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4030 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6940 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8480 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8730 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9595 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
10190 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10912 /	DEF AT local marker benthic foram increase	DEF AT
11650 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
11800 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 03-DEC-1973	First Sample Examined: 6000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11454
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10936
API Well Number: 177074008100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 6000 - 10870	Water Depth: 27
Public Info Code: Y 24-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5616	DEF AT first sample examined	DEF AT 1
7510 / 7027	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8830 / 8324	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9400 / 8886	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10570 / 10053	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10870 / 10352	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 03-DEC-1973	First Sample Examined: 10100
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11454
Well Name: B002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10936
API Well Number: 177074008100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 10100 - 11440	Water Depth: 27
Public Info Code: Y 24-DEC-1983	Ecozone Eq MMS: N	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10100 / 9583	DEF AT first sample examined	DEF AT
10490 / 9973	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11440 / 10922	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 03-FEB-1975	First Sample Examined: 7620
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 10587
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10204
API Well Number: 177074013200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7620 - 10588	Water Depth: 30
Public Info Code: Y 25-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7620 / 7439	DEF AT first sample examined	DEF IN 2
8670 / 8419	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9270 / 8978	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9600 / 9286	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10588 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 26-MAR-1975	First Sample Examined: 8500
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11360
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11005
API Well Number: 177074013500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8500 - 11360	Water Depth: 30
Public Info Code: Y 22-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8281	DEF AT first sample examined	DEF IN 4
8501 / 8282	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
8920 / 8680	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9700 / 9425	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10450 / 10138	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11360 / 11008	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 28-MAY-1975	First Sample Examined: 8500
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11074
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10635
API Well Number: 177074014600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8500 - 10930	Water Depth: 30
Public Info Code: Y 15-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8217	DEF AT first sample examined	DEF AT 4
8501 / 8218	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8740 / 8441	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9730 / 9372	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10142 / 9754	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10930 / 10470	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 11-JUL-1975	First Sample Examined: 8000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12005
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11744
API Well Number: 177074015200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8000 - 11980	Water Depth: 30
Public Info Code: Y 08-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7889	DEF AT first sample examined	DEF IN 2
8640 / 8500	DEF AT faunal change (no faunal increase)	DEF AT 4
8730 / 8587	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8880 / 8731	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9890 / 9704	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10490 / 10279	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11270 / 11034	POS AT local marker (general)	DEF AT 4
11980 / 11720	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 18-DEC-1975	First Sample Examined: 8000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12303
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11571
API Well Number: 177074015600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 8000 - 10753	Water Depth: 27
Public Info Code: Y 11-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7588	DEF AT first sample examined	DEF IN 2
8930 / 8467	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9560 / 9049	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10280 / 9706	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10550 / 9954	DEF AT - - - - -	DEF AT 4
10753 / 10140	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 18-DEC-1975	First Sample Examined: 10000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12303
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11571
API Well Number: 177074015600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 10000 - 11570	Water Depth: 27
Public Info Code: Y 11-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9450	DEF AT first sample examined	DEF AT 4
10240 / 9669	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10860 / 10240	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11540 / 10873	DEF AT local marker (general)	DEF AT 4
11570 / 10901	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 18-DEC-1975	First Sample Examined: 11320
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 12303
Well Name: B008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11571
API Well Number: 177074015600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 11320 - 12300	Water Depth: 27
Public Info Code: Y 11-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11320 / 10668	DEF AT first sample examined	DEF AT 4
11590 / 10920	DEF AT local marker (general)	DEF AT 4
12300 / 11583	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 04-FEB-1976	First Sample Examined: 8500
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 10965
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10580
API Well Number: 177074015900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8500 - 10960	Water Depth: 30
Public Info Code: Y 28-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8284	DEF AT first sample examined	POS AT 4
8530 / 8312	DEF AT - - - - -	DEF AT 4
8620 / 8395	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9130 / 8867	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9730 / 9422	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10540 / 10173	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10960 / 10572	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 23-MAR-1976	First Sample Examined: 8500
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 10432
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9976
API Well Number: 177074017000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8500 - 10370	Water Depth: 27
Public Info Code: Y 19-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8046	DEF AT first sample examined	DEF AT 4
8680 / 8226	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9100 / 8645	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9920 / 9465	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10370 / 9914	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 26-APR-1976	First Sample Examined: 8450
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11135
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10748
API Well Number: 177074017600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8450 - 11135	Water Depth: 30
Public Info Code: Y 24-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8450 / 8087	DEF AT first sample examined	DEF IN 3
8780 / 8412	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9280 / 8905	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10150 / 9766	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10930 / 10544	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11135 / 10749	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 08-JUN-1976	First Sample Examined: 8260
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 11648
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10948
API Well Number: 177074018000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8260 - 11640	Water Depth: 30
Public Info Code: Y 04-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8260 / 7569	DEF AT first sample examined	DEF IN 2
8990 / 8296	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9430 / 8736	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
10360 / 9665	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11210 / 10512	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11460 / 10761	DEF AT local marker (general)	DEF AT 4
11640 / 10940	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 02-AUG-1976	First Sample Examined: 8020
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 10668
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10295
API Well Number: 177074018300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8020 - 10660	Water Depth: 30
Public Info Code: Y 24-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 / 7649	DEF AT first sample examined	DEF IN 2
8650 / 8278	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9100 / 8727	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9700 / 9327	DEF AT sample gap top	POS AT 4
9900 / 9527	DEF AT sample gap bottom	DEF AT 4
10390 / 10017	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10660 / 10287	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 269	Date of Summary: 30-SEP-1976	First Sample Examined: 8000
Lease Number: G02311	Source of Paleo: OPERATOR	Borehole MD: 10896
Well Name: B015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10389
API Well Number: 177074019100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8000 - 10890	Water Depth: 27
Public Info Code: Y 28-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7495	DEF AT first sample examined	DEF AT 4
8780 / 8273	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9140 / 8633	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
9880 / 9373	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
10510 / 10003	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10740 / 10233	DEF AT local marker (general)	DEF AT 4
10890 / 10383	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 270	Date of Summary: 21-APR-1986	First Sample Examined: 0
Lease Number: G06700	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14490
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13392
API Well Number: 177074049600	Drilling Operator: TEXACO EXPLORATION AND PROD	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 29-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10200 / 9816	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10800 / 10296	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12120 / 11371	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
12840 / 11984	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
13680 / 12717	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 273	Date of Summary: 31-MAY-1979	First Sample Examined: 170
Lease Number: G03402	Source of Paleo: OPERATOR	Borehole MD: 16320
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16299
API Well Number: 177074030900	Drilling Operator: ARCO PIPE LINE COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 170 - 16310	Water Depth: 41
Public Info Code: Y 30-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
170 / 170	DEF AT first sample examined	DEF AT 1
171 / 171	DEF IN local marker benthic foram increase	DEF AT 1
5000 / 5000	DEF AT shell fragments	DEF AT 1
5990 / 5989	DEF AT local marker foram increase	DEF AT 1
7070 / 7069	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
8210 / 8208	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
8750 / 8748	DEF AT local marker foram increase	DEF AT 3
8780 / 8778	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
9020 / 9018	DEF AT local marker foram decrease	POS AT 2
9110 / 9108	DEF AT - - - - -	DEF AT 1
9200 / 9198	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
9350 / 9348	DEF AT - - - - -	DEF AT 2
9590 / 9588	DEF AT - - - - -	DEF AT 1
9950 / 9947	DEF AT - - - - -	DEF AT 2
10010 / 10007	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10310 / 10307	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 2
10880 / 10877	DEF AT local marker foram decrease	DEF AT 2
11240 / 11236	DEF AT - - - - -	DEF IN 2
11270 / 11266	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 2
11420 / 11416	DEF AT local marker foram increase	DEF IN 2
11990 / 11986	DEF AT local marker benthic foram increase	DEF AT 3
12440 / 12435	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 273	Date of Summary: 31-MAY-1979	First Sample Examined: 170
Lease Number: G03402	Source of Paleo: OPERATOR	Borehole MD: 16320
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16299
API Well Number: 177074030900	Drilling Operator: ARCO PIPE LINE COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 170 - 16310	Water Depth: 41
Public Info Code: Y 30-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14090 / 14081	DEF AT - - - - -	POS AT 4
15560 / 15550	POS IN Upper Miocene (Tortonian) Cibicides inflata	POS AT 4
15800 / 15789	POS AT Upper Miocene (Tortonian) Cibicides carstensi	POS AT 4
16310 / 16299	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 273	Date of Summary: 29-OCT-1980	First Sample Examined: 3930
Lease Number: G03402	Source of Paleo: OPERATOR	Borehole MD: 12550
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12546
API Well Number: 177074035000	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3930 - 12540	Water Depth: 50
Public Info Code: Y 30-NOV-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3930 / 3930	DEF AT first sample examined	DEF IN 2
7170 / 7170	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
9030 / 9028	DEF AT - - - - -	DEF AT 3
9570 / 9568	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10200 / 10197	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10230 / 10227	DEF AT - - - - -	DEF AT 4
11100 / 11097	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12090 / 12086	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12540 / 12536	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 275	Date of Summary: 31-MAY-1973	First Sample Examined: 740
Lease Number: G02313	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12015
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12015
API Well Number: 177074004700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 53
Paleo Report Num: 1 of 2	Sample Range: 740 - 12015	Water Depth: 52
Public Info Code: Y 02-MAY-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
740 /	DEF AT first sample examined	DEF IN 1
741 /	DEF IN local marker benthic foram increase	DEF IN 1
880 /	DEF AT local marker benthic foram increase	DEF AT 2
910 /	DEF AT local marker foram decrease	DEF IN 1
3370 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3400 /	DEF AT faunal change (no faunal increase)	DEF IN 1
4264 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4354 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4414 /	DEF AT local marker foram decrease	DEF IN 1
5995 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6535 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
7375 /	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8455 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
9265 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 2
9295 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9475 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 2
10105 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10675 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10855 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF IN 3
10945 /	DEF AT local marker benthic foram increase	DEF IN 3
11065 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF IN 3
11575 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 275	Date of Summary: 31-MAY-1973	First Sample Examined: 740
Lease Number: G02313	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12015
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12015
API Well Number: 177074004700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 53
Paleo Report Num: 1 of 2	Sample Range: 740 - 12015	Water Depth: 52
Public Info Code: Y 02-MAY-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11845 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
11915 /	DEF AT Bathysiphon fauna	DEF IN 3
12015 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 275	Date of Summary: 25-SEP-1992	First Sample Examined: 8005
Lease Number: G02313	Source of Paleo: OPERATOR	Borehole MD: 12015
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12015
API Well Number: 177074004700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 53
Paleo Report Num: 2 of 2	Sample Range: 8005 - 12015	Water Depth: 52
Public Info Code: Y 02-MAY-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8005 /	DEF AT first sample examined	DEF IN 1
9235 /	DEF AT -----	DEF IN 2
9505 /	DEF AT -----	DEF IN 1
10729 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 1
10855 /	DEF AT -----	DEF IN 3
12015 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 280	Date of Summary: 20-MAR-1975	First Sample Examined: 0
Lease Number: G02599	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14730
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14730
API Well Number: 177074011500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 22-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10575 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11210 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12085 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
14050 /	DEF AT local marker deep water fauna	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 280	Date of Summary: 29-OCT-1986	First Sample Examined: 10790
Lease Number: G02599	Source of Paleo: OPERATOR	Borehole MD: 14373
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14373
API Well Number: 177074017200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 10790 - 14360	Water Depth: 42
Public Info Code: Y 22-JUL-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10790 /	DEF AT first sample examined	DEF AT 1
10791 /	DEF AT shell fragments	DEF AT 1
10910 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
11300 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
12650 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
13340 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
13940 /	DEF AT - - - - -	DEF AT 3
14060 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
14090 /	DEF AT - - - - -	DEF AT 4
14360 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 280	Date of Summary: 29-OCT-1986	First Sample Examined: 7650
Lease Number: G02599	Source of Paleo: OPERATOR	Borehole MD: 12265
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12265
API Well Number: 177074030000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7650 - 12260	Water Depth: 42
Public Info Code: Y 22-JUL-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7650 / 7649	DEF AT first sample examined	DEF AT 1
7651 / 7650	DEF AT shell fragments	DEF AT 1
10700 / 10696	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10940 / 10936	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11360 / 11355	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
11630 / 11625	DEF AT sand	DEF AT 2
12260 / 12254	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 16-JUN-1977	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 17233
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 17224
API Well Number: 177074020800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 54
Paleo Report Num: 1 of 2	Sample Range: 10000 - 16294	Water Depth: 47
Public Info Code: Y 06-SEP-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 / 9999	DEF AT first sample examined	DEF AT
11320 / 11318	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11560 / 11558	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12640 / 12638	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13840 / 13836	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
14500 / 14495	DEF AT local marker (general)	DEF AT
15760 / 15753	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
16294 / 16286	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 13-JUL-1977	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 17233
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17224
API Well Number: 177074020800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 54
Paleo Report Num: 2 of 2	Sample Range: 10000 - 17237	Water Depth: 47
Public Info Code: Y 06-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9999	DEF AT first sample examined	DEF IN 3
11320 / 11318	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
11560 / 11558	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
12640 / 12638	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
13840 / 13836	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
14500 / 14495	DEF AT local marker (general)	DEF IN 3
15760 / 15753	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 3
17237 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 25-NOV-1974	First Sample Examined: 8020
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13775
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13764
API Well Number: 177074012500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 8020 - 13760	Water Depth: 41
Public Info Code: Y 20-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8020 / 8020	DEF AT first sample examined	DEF IN 2
8500 / 8500	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10150 / 10149	DEF AT - - - -	DEF AT 4
10210 / 10209	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10690 / 10688	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11570 / 11567	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13100 / 13095	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13300 / 13294	DEF AT local marker (general)	DEF AT 4
13760 / 13749	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 23-JUL-1974	First Sample Examined: 6000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14230
Well Name: C002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13744
API Well Number: 177074010500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6000 - 14210	Water Depth: 30
Public Info Code: Y 06-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5999	DEF AT first sample examined	DEF IN 2
8630 / 8496	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10760 / 10332	DEF AT - - - -	DEF AT 4
10790 / 10359	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11210 / 10755	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12350 / 11882	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13430 / 12961	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14120 / 13650	DEF AT local marker (general)	DEF AT 4
14210 / 13740	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 12-MAY-1975	First Sample Examined: 9100
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13765
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13266
API Well Number: 177074013900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9100 - 13765	Water Depth: 36
Public Info Code: Y 05-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 8881	DEF AT first sample examined	DEF IN 2
10490 / 10214	DEF AT - - - - -	DEF AT 4
10730 / 10444	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11060 / 10756	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12383 / 11988	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13725 / 13234	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13765 / 13271	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 14-JUN-1976	First Sample Examined: 10700
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 12992
Well Name: C004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12006
API Well Number: 177074014900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10700 - 12956	Water Depth: 27
Public Info Code: Y 03-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10700 / 9895	DEF AT first sample examined	DEF IN 3
11150 / 10305	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11510 / 10634	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12855 / 11865	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12956 / 11957	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 16-JUL-1975	First Sample Examined: 10260
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13319
Well Name: C005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12248
API Well Number: 177074015300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10260 - 13305	Water Depth: 36
Public Info Code: Y 06-AUG-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10260 / 9415	DEF AT first sample examined	DEF IN 2
11946 / 10956	DEF AT - - - - -	DEF AT 3
12046 / 11049	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12206 / 11196	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13305 / 12202	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 06-JAN-1976	First Sample Examined: 10300
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14515
Well Name: C006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13310
API Well Number: 177074015800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 10300 - 13660	Water Depth: 27
Public Info Code: Y 28-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10300 / 9504	DEF AT first sample examined	DEF IN 2
11966 / 11003	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12344 / 11342	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13660 / 12521	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 06-JAN-1976	First Sample Examined: 13580
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 14515
Well Name: C006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13310
API Well Number: 177074015800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 13580 - 14494	Water Depth: 27
Public Info Code: Y 28-JAN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13580 / 12449	DEF AT first sample examined	DEF AT 4
13581 / 12449	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13880 / 12724	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14494 / 13286	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 13-APR-1976	First Sample Examined: 10348
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13700
Well Name: C007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12266
API Well Number: 177074016500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 10348 - 13700	Water Depth: 27
Public Info Code: Y 27-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10348 / 9363	DEF AT first sample examined	DEF IN 3
11540 / 10408	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11977 / 10797	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13259 / 11897	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13700 / 12266	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 13-JAN-1977	First Sample Examined: 10348
Lease Number: G02600	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13700
Well Name: C007	Paleo Done By: JOHN CARSTENS	Borehole TVD: 12266
API Well Number: 177074016500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 10348 - 13700	Water Depth: 27
Public Info Code: Y 27-APR-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10348 / 9363	DEF AT first sample examined	DEF AT
10629 / 9606	POS IN Upper Miocene (Messinian) Textularia tatum	DEF AT
11540 / 10408	DEF AT Cyclammina cancellata (local marker)	DEF AT
11602 / 10463	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11977 / 10797	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13445 / 12053	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13700 / 12266	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 18-APR-1977	First Sample Examined: 10338
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13275
Well Name: C008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12758
API Well Number: 177074017700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 10338 - 12461	Water Depth: 30
Public Info Code: Y 22-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10338 / 9967	DEF AT first sample examined	DEF AT
11254 / 10839	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11952 / 11505	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12461 / 11991	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 18-APR-1977	First Sample Examined: 12369
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13275
Well Name: C008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12758
API Well Number: 177074017700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 12369 - 13213	Water Depth: 30
Public Info Code: Y 22-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12369 / 11903	DEF AT first sample examined	DEF AT 4
13119 / 12614	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13213 / 12702	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 03-AUG-1976	First Sample Examined: 10147
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13078
Well Name: C009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12847
API Well Number: 177074018200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10147 - 13078	Water Depth: 27
Public Info Code: Y 28-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10147 / 9934	DEF AT first sample examined	DEF IN 3
10888 / 10670	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11297 / 11078	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11872 / 11653	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13078 / 12859	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 15-JUN-1977	First Sample Examined: 10019
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 12592
Well Name: C010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11928
API Well Number: 177074020700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10019 - 12591	Water Depth: 38
Public Info Code: Y 07-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10019 / 9364	DEF AT first sample examined	DEF IN 2
10927 / 10263	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11742 / 11078	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12591 / 11927	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 25-JUL-1977	First Sample Examined: 10482
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 12625
Well Name: C011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12217
API Well Number: 177074022400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10482 - 12617	Water Depth: 30
Public Info Code: Y 22-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10482 / 10078	DEF AT first sample examined	DEF IN 3
11196 / 10789	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11684 / 11276	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12617 / 12209	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 23-SEP-1977	First Sample Examined: 10000
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: C012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12821
API Well Number: 177074024100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 10000 - 12970	Water Depth: 30
Public Info Code: Y 22-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9822	DEF AT first sample examined	DEF IN 2
10390 / 10212	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11145 / 10966	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12216 / 12037	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12970 / 12791	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 08-OCT-1976	First Sample Examined: 10550
Lease Number: G02600	Source of Paleo: OPERATOR	Borehole MD: 15800
Well Name: E001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15703
API Well Number: 177074018500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 10550 - 15760	Water Depth: 40
Public Info Code: Y 10-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10550 / 10549	DEF AT first sample examined	DEF IN 3
11270 / 11269	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11990 / 11989	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12940 / 12939	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14540 / 14519	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15760 / 15666	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 281	Date of Summary: 27-JUL-1982	First Sample Examined: 10550
Lease Number: G02600	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15800
Well Name: E001	Paleo Done By: ED COTTON	Borehole TVD: 15703
API Well Number: 177074018500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 2 of 2	Sample Range: 10550 - 15760	Water Depth: 40
Public Info Code: Y 10-OCT-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10550 / 10549	DEF AT first sample examined	POS AT 2
10551 / 10550	DEF AT poor sample interval top	POS AT 2
10552 / 10551	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	POS AT 2
10670 / 10669	POS AT Upper Miocene (Messinian) Textularia "X"	POS AT 2
11030 / 11029	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11300 / 11299	DEF AT pyrite	DEF AT 2
11420 / 11419	POS AT Upper Miocene (Tortonian) Cibicides carstensi	POS AT 2
14060 / 14054	POS AT Middle Miocene (Serravallian) Textularia "W"	POS AT 3
14240 / 14230	DEF AT faunal change (no faunal increase)	POS AT 2
15700 / 15610	DEF AT faunal change (no faunal increase)	POS AT 3
15759 / 15665	DEF AT poor sample interval bottom	POS AT 3
15760 / 15666	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 282	Date of Summary: 20-SEP-1978	First Sample Examined: 10000
Lease Number: G03559	Source of Paleo: OPERATOR	Borehole MD: 18155
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18153
API Well Number: 177074028900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 10000 - 18150	Water Depth: 45
Public Info Code: Y 03-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 / 9999	DEF AT first sample examined	DEF AT 3
10001 / 10000	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11600 / 11599	DEF AT - - - - -	DEF AT 4
11660 / 11658	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12350 / 12348	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13940 / 13938	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14600 / 14598	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16940 / 16938	DEF AT - - - - -	DEF AT 5
16970 / 16968	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
18150 / 18148	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 282	Date of Summary: 06-OCT-1982	First Sample Examined: 8000
Lease Number: G03559	Source of Paleo: OPERATOR	Borehole MD: 16885
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16291
API Well Number: 177074039400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8000 - 16885	Water Depth: 45
Public Info Code: Y 03-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7999	DEF AT first sample examined	DEF IN 2
9080 / 9079	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10910 / 10836	DEF AT - - - - -	DEF AT 3
11210 / 11099	DEF AT - - - - -	DEF AT 4
11330 / 11201	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12120 / 11869	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13580 / 13149	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14750 / 14204	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16885 / 16306	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 285	Date of Summary: 10-NOV-1976	First Sample Examined: 4000
Lease Number: G02314	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15406
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 15406
API Well Number: 177074017300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 4000 - 15400	Water Depth: 55
Public Info Code: Y 29-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 4000	DEF AT first sample examined	DEF AT 1
4300 / 4300	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4690 / 4690	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4930 / 4930	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
5460 / 5459	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6250 / 6249	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8200 / 8199	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8980 / 8979	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
9970 / 9969	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10929 / 10927	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 2
10930 / 10928	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11080 / 11078	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11680 / 11677	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12580 / 12573	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13030 / 13019	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
13090 / 13079	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
13690 / 13673	DEF AT Eggerella sp. (local marker)	DEF AT 5
14500 / 14469	DEF AT local marker planktic foram increase	DEF AT 5
14830 / 14793	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
15400 / 15352	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 288	Date of Summary: 02-OCT-1980	First Sample Examined: 4000
Lease Number: G02316	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: CA001	Paleo Done By: GAY LARRE'	Borehole TVD: 16000
API Well Number: 177074008000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 4000 - 16000	Water Depth: 40
Public Info Code: Y 08-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 2
4030 /	DEF AT pyrite	DEF AT 2
4840 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
5020 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 2
5770 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 2
8220 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
8249 /	DEF AT Bathysiphon fauna	DEF AT 3
8250 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8340 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
9420 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9540 /	DEF AT local marker foram decrease	DEF AT 3
10050 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11130 /	DEF AT reworked material	DEF AT 3
11160 /	DEF AT local marker benthic foram increase	DEF AT 3
11520 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
11580 /	DEF AT local marker foram decrease	DEF AT 4
12000 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
12390 /	POS AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 4
12720 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsidis disjuncta	DEF AT 5
12780 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13500 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
14340 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SM 288	Date of Summary: 02-OCT-1980	First Sample Examined: 4000
Lease Number: G02316	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: CA001	Paleo Done By: GAY LARRE'	Borehole TVD: 16000
API Well Number: 177074008000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 4000 - 16000	Water Depth: 40
Public Info Code: Y 08-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14770 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 4
14830 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
14980 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
15640 /	DEF AT local marker foram decrease	DEF IN 3
16000 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 33	Date of Summary: 19-DEC-1978	First Sample Examined: 1320
Lease Number: G02939	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11220
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 10000
API Well Number: 177214013500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1320 - 11220	Water Depth: 260
Public Info Code: Y 06-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1320 / 1320	DEF AT first sample examined	DEF IN 4
1321 / 1321	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
1980 / 1979	DEF AT local marker planktic foram increase	DEF AT 5
2190 / 2187	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2490 / 2482	DEF AT sample gap top	POS AT 5
2580 / 2570	DEF AT sample gap bottom	DEF AT 5
2610 / 2599	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2640 / 2628	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
2790 / 2772	DEF AT sample gap top	POS AT 5
3060 / 3026	DEF AT sample gap bottom	DEF AT 5
3090 / 3054	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3390 / 3325	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
3840 / 3704	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4020 / 3853	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4440 / 4202	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6780 / 6149	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7290 / 6573	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10020 / 8955	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
11220 / 10001	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 36	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G04246	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10125
API Well Number: 177214018300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4185 / 3945	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10340 / 10031	DEF AT Cyclammina cancellata (local marker)	DEF AT
10341 / 10032	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 38	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G04478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10718
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9615
API Well Number: 177214020200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4095 / 4095	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5965 / 5862	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8960 / 8244	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 38	Date of Summary: 08-AUG-1983	First Sample Examined: 0
Lease Number: G04478	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12475
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11583
API Well Number: 177214023500	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4330 / 4233	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7480 / 7046	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11490 / 10674	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11790 / 10945	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 43	Date of Summary: 12-JAN-1981	First Sample Examined: 0
Lease Number: G04248	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11514
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11043
API Well Number: 177214018100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6130 / 5732	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 46	Date of Summary: 23-APR-1979	First Sample Examined: 1300
Lease Number: G02174	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 15927
API Well Number: 177214011400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1300 - 15990	Water Depth: 253
Public Info Code: Y 28-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 / 1300	DEF AT first sample examined	DEF AT 2
1540 / 1540	DEF AT local marker benthic foram increase	DEF AT 2
1900 / 1900	DEF AT local marker foram increase	DEF AT 2
2320 / 2320	DEF AT Arenaceous fauna (local marker)	DEF AT 2
2680 / 2680	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
3220 / 3220	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
3250 / 3250	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3820 / 3820	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4270 / 4270	DEF AT local marker foram decrease	DEF AT 4
4810 / 4810	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6100 / 6099	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7000 / 6999	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
7330 / 7329	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7420 / 7419	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9010 / 9009	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
9580 / 9579	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
9730 / 9729	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
10000 / 9999	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10750 / 10748	DEF AT local marker benthic foram increase	DEF AT 5
11140 / 11137	DEF AT local marker foram decrease	DEF AT 5
11460 / 11456	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
11730 / 11725	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 46	Date of Summary: 23-APR-1979	First Sample Examined: 1300
Lease Number: G02174	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 15927
API Well Number: 177214011400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1300 - 15990	Water Depth: 253
Public Info Code: Y 28-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11760 / 11755	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11790 / 11785	DEF AT Eggerella sp. (local marker)	DEF AT 5
11850 / 11845	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
12360 / 12352	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13049 / 13035	DEF AT Eggerella sp. (local marker)	DEF AT 5
13050 / 13036	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13499 / 13476	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
13500 / 13477	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
13770 / 13741	DEF AT Eggerella sp. (local marker)	DEF AT 5
14069 / 14035	DEF AT Bathysiphon fauna	DEF AT 5
14070 / 14036	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
14250 / 14212	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
14400 / 14359	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
14819 / 14771	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14820 / 14772	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
15990 / 15917	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 47	Date of Summary: 27-NOV-1973	First Sample Examined: 3670
Lease Number: G02175	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13951
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13951
API Well Number: 177214003400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3670 - 13640	Water Depth: 267
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3670 /	DEF AT first sample examined	POS AT 3
3671 /	DEF AT poor sample interval top	POS AT 3
4090 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	POS AT 3
4420 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	POS AT 3
4480 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
4940 /	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	POS AT 3
5030 /	DEF AT pyrite	POS AT 3
5610 /	DEF AT local marker benthic foram increase	POS AT 3
5820 /	DEF AT local marker foram increase	POS AT 3
6310 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	POS AT 2
6340 /	DEF AT sample gap top	POS AT 2
6380 /	DEF AT sample gap bottom	DEF AT 2
6420 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
6470 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
6471 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 2
6500 /	DEF AT pyrite	POS AT 2
6650 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	POS AT 2
7110 /	POS AT reworked material	POS AT 3
7280 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 3
7520 /	POS AT Cyclammina cancellata (local marker)	POS AT 3
7521 /	POS AT Arenaceous fauna (local marker)	POS AT 3
8150 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 47	Date of Summary: 27-NOV-1973	First Sample Examined: 3670
Lease Number: G02175	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13951
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13951
API Well Number: 177214003400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 3670 - 13640	Water Depth: 267
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8210 /	POS AT local marker foram decrease	POS AT 3
9560 /	POS AT Upper Miocene (Messinian) Textularia tatumi	POS AT 3
10490 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	POS AT 3
10519 /	DEF AT Bathysiphon fauna	POS IN 3
10520 /	DEF AT Cyclammina cancellata (local marker)	POS IN 3
11390 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
11779 /	DEF AT pyrite	DEF AT 3
11780 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11929 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF IN 3
11930 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsidis disjuncta	DEF IN 3
11990 /	POS AT local marker foram decrease	DEF AT 3
12110 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12140 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12410 /	DEF AT Bathysiphon fauna	DEF IN 3
12980 /	DEF AT local marker benthic foram increase	DEF AT 3
13100 /	DEF AT Bathysiphon fauna	DEF AT 3
13190 /	DEF AT Eggerella sp. (local marker)	POS AT 3
13639 /	DEF AT poor sample interval bottom	DEF AT 3
13640 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 49	Date of Summary: 16-MAR-1973	First Sample Examined: 1400
Lease Number: G02177	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14031
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14031
API Well Number: 177214002800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 1400 - 14030	Water Depth: 277
Public Info Code: Y 14-MAR-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT first sample examined	POS AT 4
1401 / 1401	DEF AT cement	POS AT 4
1520 / 1520	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 4
1730 / 1730	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
2150 / 2150	DEF AT pyrite	DEF IN 4
2270 / 2270	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 4
2390 / 2390	POS AT local marker foram decrease	DEF AT 4
2839 / 2839	DEF AT foram flood	DEF AT 5
2840 / 2840	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
2960 / 2960	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
2990 / 2990	DEF AT local marker foram decrease	DEF IN 3
3110 / 3110	DEF AT local marker foram decrease	DEF AT 3
3260 / 3260	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3290 / 3290	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3350 / 3350	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3410 / 3410	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3470 / 3470	DEF AT local marker foram decrease	DEF AT 3
3859 / 3859	DEF AT foram flood	DEF AT 4
3860 / 3860	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
3920 / 3920	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 4
4009 / 4009	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4010 / 4010	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 49	Date of Summary: 16-MAR-1973	First Sample Examined: 1400
Lease Number: G02177	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14031
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14031
API Well Number: 177214002800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 1400 - 14030	Water Depth: 277
Public Info Code: Y 14-MAR-1975	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4039 / 4039	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
4040 / 4040	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4160 / 4160	DEF AT local marker foram decrease	DEF IN 3
4489 / 4489	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
4490 / 4490	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
5150 / 5150	DEF AT reworked material	DEF IN 3
5480 / 5480	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF IN 3
6050 / 6049	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
6469 / 6468	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
6470 / 6469	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
7370 / 7369	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
8030 / 8029	DEF AT local marker benthic foram increase	DEF AT 3
8420 / 8419	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8539 / 8538	DEF AT local marker benthic foram increase	DEF AT 4
8540 / 8539	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
8570 / 8569	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
9080 / 9079	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10580 / 10579	DEF AT local marker benthic foram increase	DEF IN 3
10670 / 10669	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10849 / 10848	DEF AT Eggerella sp. (local marker)	DEF IN 3
10850 / 10849	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11240 / 11239	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11330 / 11329	DEF AT Bathysiphon fauna	DEF AT 4
11420 / 11419	POS AT local marker foram decrease	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 49	Date of Summary: 16-MAR-1973	First Sample Examined: 1400
Lease Number: G02177	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14031
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14031
API Well Number: 177214002800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 2	Sample Range: 1400 - 14030	Water Depth: 277
Public Info Code: Y 14-MAR-1975	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
11780 / 11778	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11810 / 11808	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12290 / 12288	DEF AT Bathysiphon fauna	DEF AT 4
12320 / 12318	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
12440 / 12438	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
12710 / 12708	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF IN 4
13160 / 13158	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF IN 4
13220 / 13218	DEF AT local marker benthic foram increase	DEF IN 4
13369 / 13367	DEF AT Eggerella sp. (local marker)	DEF IN 4
13370 / 13368	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
13550 / 13548	DEF AT Bathysiphon fauna	DEF IN 4
13880 / 13878	DEF AT local marker deep water fauna	DEF AT 5
14000 / 13998	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
14030 / 14028	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 49	Date of Summary: 07-AUG-1979	First Sample Examined: 1400
Lease Number: G02177	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14031
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 14031
API Well Number: 177214002800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 1400 - 14030	Water Depth: 277
Public Info Code: Y 14-MAR-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1400 / 1400	DEF AT first sample examined	DEF AT 4
1550 / 1550	DEF AT local marker benthic foram increase	DEF IN 4
2180 / 2180	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 4
2990 / 2990	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
3290 / 3290	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
3860 / 3860	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4009 / 4009	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4010 / 4010	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
4099 / 4099	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 3
4100 / 4100	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6170 / 6169	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6200 / 6199	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7850 / 7849	DEF AT sample gap top	POS AT 3
8539 / 8538	DEF AT sample gap bottom	DEF AT 4
8540 / 8539	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10670 / 10669	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10730 / 10729	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11810 / 11808	DEF AT Eggerella sp. (local marker)	DEF AT 5
12340 / 12338	DEF AT Cyclammina sp. (local marker)	DEF AT 5
12890 / 12888	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
13310 / 13308	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13370 / 13368	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 49	Date of Summary: 07-AUG-1979	First Sample Examined: 1400
Lease Number: G02177	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14031
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 14031
API Well Number: 177214002800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 2 of 2	Sample Range: 1400 - 14030	Water Depth: 277
Public Info Code: Y 14-MAR-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13730 / 13728	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
14000 / 13998	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
14030 / 14028	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 51	Date of Summary: 17-SEP-1977	First Sample Examined: 0
Lease Number: G02178	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13155
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11049
API Well Number: 177214012800	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 505
Public Info Code: Y 13-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 4876	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5410 / 5057	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7410 / 6583	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9970 / 8568	DEF AT - - - - -	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 52	Date of Summary: 13-JUN-1974	First Sample Examined: 0
Lease Number: G02179	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9324
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8883
API Well Number: 177214005400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 580
Public Info Code: Y 28-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3900 / 3585	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4800 / 4394	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6130 / 5704	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 54	Date of Summary: 04-JAN-1972	First Sample Examined: 1044
Lease Number: G01606	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13253
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13253
API Well Number: 177210093900	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1044 - 13208	Water Depth: 280
Public Info Code: Y 30-AUG-1969	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1044 /	DEF AT first sample examined	DEF AT 2
1244 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 2
1284 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1484 /	DEF AT faunal change (no faunal increase)	DEF AT 4
1604 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
1724 /	DEF AT local marker benthic foram increase	DEF AT 4
2244 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3084 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 5
3244 /	DEF AT foram flood	DEF AT 5
3324 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
3710 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
4230 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4270 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
4450 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
4730 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4930 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
4970 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
5570 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
6010 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6090 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
6570 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7130 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 54	Date of Summary: 04-JAN-1972	First Sample Examined: 1044
Lease Number: G01606	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13253
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13253
API Well Number: 177210093900	Drilling Operator: TEXACO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 1044 - 13208	Water Depth: 280
Public Info Code: Y 30-AUG-1969	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7290 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8335 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
10744 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11052 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12431 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
12610 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
12859 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
12903 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13124 /	DEF AT local marker deep water fauna	DEF AT 6
13164 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 15-NOV-1973	First Sample Examined: 5000
Lease Number: G01294	Source of Paleo: OPERATOR	Borehole MD: 7036
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7034
API Well Number: 177234000900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5000 - 7036	Water Depth: 340
Public Info Code: Y 24-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4999	DEF AT first sample examined	DEF AT
5447 / 5446	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7036 / 7034	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 30-MAY-1969	First Sample Examined: 8580
Lease Number: G01294	Source of Paleo: OPERATOR	Borehole MD: 11570
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 11161
API Well Number: 177232000600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8580 - 11581	Water Depth: 328
Public Info Code: Y 18-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8580 / 8263	DEF AT first sample examined	DEF AT
8581 / 8264	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11580 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 16-JUN-1969	First Sample Examined: 6280
Lease Number: G01294	Source of Paleo: OPERATOR	Borehole MD: 8854
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 8680
API Well Number: 177232000800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 6280 - 8870	Water Depth: 340
Public Info Code: Y 06-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 6207	DEF AT first sample examined	DEF AT
6281 / 6208	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8870 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 12-JAN-1973	First Sample Examined: 7000
Lease Number: G01294	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16457
Well Name: C014	Paleo Done By: WING GEE	Borehole TVD: 15420
API Well Number: 177234000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 7000 - 11260	Water Depth: 328
Public Info Code: Y 10-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6734	DEF AT first sample examined	DEF AT 3
7001 / 6735	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7480 / 7183	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7540 / 7239	DEF AT local marker foram decrease	DEF IN 2
7690 / 7380	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
7720 / 7409	DEF AT local marker foram decrease	DEF IN 2
8650 / 8293	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
8979 / 8604	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8980 / 8605	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
9010 / 8634	DEF AT sample gap top	POS AT 3
9069 / 8689	DEF AT sample gap bottom	DEF AT 4
9070 / 8690	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9160 / 8775	DEF AT local marker benthic foram increase	DEF IN 3
9190 / 8803	DEF AT pyrite	DEF AT 4
9820 / 9394	DEF AT local marker foram increase	DEF AT 4
9850 / 9422	DEF AT local marker foram decrease	DEF AT 3
10300 / 9842	POS AT local marker foram increase	DEF IN 3
10359 / 9897	DEF AT pyrite	DEF AT 4
10360 / 9897	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10510 / 10036	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
10780 / 10283	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10840 / 10338	POS AT local marker foram decrease	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 12-JAN-1973	First Sample Examined: 7000
Lease Number: G01294	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16457
Well Name: C014	Paleo Done By: WING GEE	Borehole TVD: 15420
API Well Number: 177234000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 7000 - 11260	Water Depth: 328
Public Info Code: Y 10-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11080 / 10554	DEF AT local marker benthic foram increase	DEF IN 4
11229 / 10688	DEF AT Bathysiphon fauna	DEF IN 4
11230 / 10689	POS AT Upper Miocene (Tortonian) Textularia 6	DEF IN 4
11260 / 10716	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 29-JAN-1973	First Sample Examined: 9800
Lease Number: G01294	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16457
Well Name: C014	Paleo Done By: WING GEE	Borehole TVD: 15420
API Well Number: 177234000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 9800 - 16400	Water Depth: 328
Public Info Code: Y 10-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
9800 / 9375	DEF AT first sample examined	DEF AT
10130 / 9684	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
10250 / 9796	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
10970 / 10455	DEF AT Bathysiphon fauna	DEF AT 5
11030 / 10509	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
11300 / 10752	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF IN 4
11719 / 11129	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
11720 / 11130	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
11930 / 11321	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 4
12589 / 11913	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
12590 / 11914	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 5
13400 / 12646	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
14120 / 13315	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
14570 / 13725	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
15470 / 14547	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15890 / 14937	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 4
16130 / 15156	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4
16400 / 15400	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 62	Date of Summary: 02-JUL-1970	First Sample Examined: 7670
Lease Number: G01294	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: C017	Paleo Done By: OPERATOR	Borehole TVD: 9240
API Well Number: 177232003100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 7670 - 9450	Water Depth: 320
Public Info Code: Y 09-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7670 / 7537	DEF AT first sample examined	DEF AT
7671 / 7538	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9450 / 9247	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 1930
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9680
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9680
API Well Number: 177230001100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1930 - 9660	Water Depth: 300
Public Info Code: Y 14-NOV-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1930 /	DEF AT first sample examined	DEF AT
3040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4450 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9660 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 2480
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 8999
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8999
API Well Number: 177230001700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2480 - 8999	Water Depth: 300
Public Info Code: Y 04-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2480 /	DEF AT first sample examined	DEF AT
2900 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4580 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8999 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 4520
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9268
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9268
API Well Number: 177230002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4520 - 9270	Water Depth: 300
Public Info Code: Y 18-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4520 /	DEF AT first sample examined	DEF AT
4700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9270 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 7220
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 8778
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7774
API Well Number: 177230002201	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7220 - 8780	Water Depth: 300
Public Info Code: Y 28-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7220 / 6527	DEF AT first sample examined	DEF AT
7221 / 6528	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8780 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 4000
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 8900
API Well Number: 177230002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8900	Water Depth: 300
Public Info Code: Y 10-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT
4940 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8900 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 5920
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9097
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9097
API Well Number: 177230002800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5920 - 9097	Water Depth: 300
Public Info Code: Y 21-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5920 /	DEF AT first sample examined	DEF AT
5921 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9097 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 6430
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9346
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 8034
API Well Number: 177230002801	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6430 - 9346	Water Depth: 300
Public Info Code: Y 02-MAR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6430 / 5819	DEF AT first sample examined	DEF AT
6431 / 5820	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9346 / 8056	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 7060
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9207
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 8672
API Well Number: 177230002802	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7060 - 9207	Water Depth: 300
Public Info Code: Y 12-MAR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7060 / 6630	DEF AT first sample examined	DEF AT
7061 / 6631	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9207 / 8642	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 6360
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9130
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 8630
API Well Number: 177230002803	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6360 - 9130	Water Depth: 300
Public Info Code: Y 19-MAR-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6360 / 6072	DEF AT first sample examined	DEF AT
6361 / 6072	DEF IN Upper Miocene Messinian Stage	DEF AT
9130 / 8629	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 3984
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9918
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 9918
API Well Number: 177230005500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3984 - 9884	Water Depth: 300
Public Info Code: Y 21-SEP-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3984 /	DEF AT first sample examined	DEF AT
5036 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9884 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 6974
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9861
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 8687
API Well Number: 177230005501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 6974 - 9849	Water Depth: 300
Public Info Code: Y 29-SEP-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6974 / 6145	DEF AT first sample examined	DEF AT
6975 / 6145	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9849 / 8321	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 4740
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 9918
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 9918
API Well Number: 177230006600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4740 - 9918	Water Depth: 300
Public Info Code: Y 26-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4740 /	DEF AT first sample examined	DEF AT
4741 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9918 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 14-DEC-1971	First Sample Examined: 6000
Lease Number: G01610	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9918
Well Name: 012	Paleo Done By: LEE LATTA	Borehole TVD: 9918
API Well Number: 177230006600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 6000 - 9912	Water Depth: 300
Public Info Code: Y 26-NOV-1970	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF AT 3
6001 /	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
6180 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6314 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
6315 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
6530 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
7025 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7835 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7970 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
8015 /	DEF AT local marker deep water fauna	DEF AT 5
9762 /	DEF AT Bathysiphon fauna	DEF AT 5
9763 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
9912 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 30-JUN-1969	First Sample Examined: 6480
Lease Number: G01610	Source of Paleo: OPERATOR	Borehole MD: 10231
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8999
API Well Number: 177232001000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 6480 - 10231	Water Depth: 300
Public Info Code: Y 05-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 5830	DEF AT first sample examined	DEF AT
6481 / 5831	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10231 / 9053	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 31-MAR-1969	First Sample Examined: 4000
Lease Number: G01901	Source of Paleo: OPERATOR	Borehole MD: 9850
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8076
API Well Number: 177230007500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9850	Water Depth: 300
Public Info Code: Y 04-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3633	DEF AT first sample examined	DEF AT
9850 / 8088	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 31-MAR-1969	First Sample Examined: 5620
Lease Number: G01901	Source of Paleo: OPERATOR	Borehole MD: 8900
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8724
API Well Number: 177230007800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5620 - 8900	Water Depth: 300
Public Info Code: Y 12-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5620 / 5481	DEF AT first sample examined	DEF AT
8900 / 8721	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 13-FEB-1970	First Sample Examined: 8720
Lease Number: G01966	Source of Paleo: OPERATOR	Borehole MD: 10201
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 8786
API Well Number: 177232005300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 8720 - 10150	Water Depth: 300
Public Info Code: Y 29-FEB-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8720 / 7632	DEF AT first sample examined	DEF AT
8721 / 7633	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10150 / 8749	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 65	Date of Summary: 27-FEB-1970	First Sample Examined: 7530
Lease Number: G01967	Source of Paleo: OPERATOR	Borehole MD: 10925
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 8127
API Well Number: 177232005400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7530 - 10840	Water Depth: 300
Public Info Code: Y 15-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 5840	DEF AT first sample examined	DEF AT
7531 / 5841	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10840 / 8007	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 66	Date of Summary: 19-JUN-1972	First Sample Examined: 2550
Lease Number: G01611	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10300
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10300
API Well Number: 177230002000	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 2550 - 10300	Water Depth: 242
Public Info Code: Y 18-JAN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2550 /	DEF AT first sample examined	DEF IN 3
2551 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
2552 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
2792 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
2832 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
3194 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
3232 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
3312 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3801 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
4036 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
4294 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
4512 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
4686 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
5894 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
6300 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 4
6635 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
6675 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
7385 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
7865 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
9164 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
9324 /	DEF AT Bathysiphon fauna	DEF AT 4
9845 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 66	Date of Summary: 19-JUN-1972	First Sample Examined: 2550
Lease Number: G01611	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10300
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10300
API Well Number: 177230002000	Drilling Operator: TEXACO INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 2550 - 10300	Water Depth: 242
Public Info Code: Y 18-JAN-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9934 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
10300 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 68	Date of Summary: 29-MAR-1972	First Sample Examined: 3930
Lease Number: G01613	Source of Paleo: OPERATOR	Borehole MD: 9262
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9262
API Well Number: 177234000300	Drilling Operator: OXY USA INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 3930 - 9270	Water Depth: 357
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3930 /	DEF AT first sample examined	DEF AT 2
4559 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
4560 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
4680 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7110 /	POS AT Cyclamina sp. (local marker)	DEF AT 4
7410 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8699 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
8700 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
9270 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 21-FEB-1966	First Sample Examined: 3000
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 7006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7006
API Well Number: 177230000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6700	Water Depth: 307
Public Info Code: Y 07-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark: Shell report done by Wing L Gee

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3001 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3500 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
4200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6700 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 21-FEB-1966	First Sample Examined: 5100
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 10250
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10250
API Well Number: 177230000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5100 - 10250	Water Depth: 307
Public Info Code: Y 09-SEP-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark: Shell report done by Wing L Gee

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 /	DEF AT first sample examined	DEF AT
5101 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10000 /	DEF AT local marker deep water fauna	DEF AT
10250 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 30-MAY-1969	First Sample Examined: 5920
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 8150
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7376
API Well Number: 177232000400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5920 - 8170	Water Depth: 260
Public Info Code: Y 26-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5920 / 5438	DEF AT first sample examined	DEF AT
5921 / 5438	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8170 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 30-MAY-1969	First Sample Examined: 5650
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 7471
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7199
API Well Number: 177232000700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5650 - 7471	Water Depth: 330
Public Info Code: Y 25-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 / 5494	DEF AT first sample examined	DEF AT
5651 / 5495	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7471 / 7212	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 14-NOV-1969	First Sample Examined: 6310
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 7230
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7230
API Well Number: 177232002400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 6310 - 7205	Water Depth: 330
Public Info Code: Y 02-DEC-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6310 /	DEF AT first sample examined	DEF AT
6311 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7205 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 29-AUG-1969	First Sample Examined: 7320
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 8600
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 7949
API Well Number: 177232002600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7320 - 8630	Water Depth: 330
Public Info Code: Y 13-SEP-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7320 / 6744	DEF AT first sample examined	DEF AT
7321 / 6745	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8630 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 15-SEP-1975	First Sample Examined: 3000
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 5080
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 4884
API Well Number: 177234001500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3000 - 5080	Water Depth: 290
Public Info Code: Y 23-SEP-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2840	DEF AT first sample examined	DEF AT
4130 / 3955	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5080 / 4888	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 04-DEC-1975	First Sample Examined: 4500
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 6700
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 6139
API Well Number: 177234002000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4500 - 6700	Water Depth: 290
Public Info Code: Y 07-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4112	DEF AT first sample examined	DEF AT
4501 / 4113	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6700 / 6139	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 15-JUN-1976	First Sample Examined: 7490
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 18897
Well Name: C021	Paleo Done By: OPERATOR	Borehole TVD: 16209
API Well Number: 177234003200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 7490 - 18900	Water Depth: 290
Public Info Code: Y 24-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7490 / 6397	DEF AT first sample examined	DEF AT
8870 / 7598	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10460 / 8991	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
17680 / 15255	POS AT Upper Miocene (Tortonian) Robulus 15	DEF AT
18900 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 70	Date of Summary: 04-OCT-1976	First Sample Examined: 3860
Lease Number: G01614	Source of Paleo: OPERATOR	Borehole MD: 6635
Well Name: C032	Paleo Done By: OPERATOR	Borehole TVD: 6253
API Well Number: 177234004600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3860 - 6630	Water Depth: 264
Public Info Code: Y 12-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3860 / 3608	DEF AT first sample examined	DEF AT
4100 / 3834	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6630 / 6249	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 71	Date of Summary: 20-JAN-1976	First Sample Examined: 3690
Lease Number: G02944	Source of Paleo: OPERATOR	Borehole MD: 9901
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8829
API Well Number: 177234002100	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 3690 - 9870	Water Depth: 190
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3690 / 3690	DEF AT first sample examined	DEF IN 3
3780 / 3780	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5100 / 5038	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8910 / 7898	DEF AT - - - - -	DEF AT 4
9450 / 8381	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 4
9870 / 8765	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 71	Date of Summary: 25-FEB-1976	First Sample Examined: 3990
Lease Number: G02944	Source of Paleo: OPERATOR	Borehole MD: 11357
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10800
API Well Number: 177234002101	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 3990 - 11350	Water Depth: 190
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3990 / 3989	DEF AT first sample examined	DEF IN 3
3991 / 3990	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
4050 / 4049	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
5760 / 5644	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
5970 / 5836	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
6370 / 6204	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
6900 / 6692	DEF AT Cyclammina sp. (local marker)	DEF IN 3
7500 / 7247	DEF AT Eggerella sp. (local marker)	DEF IN 3
8190 / 7884	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8760 / 8401	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9179 / 8784	DEF AT Eggerella 3 (local marker)	DEF AT 4
9180 / 8785	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9510 / 9089	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
10050 / 9593	DEF AT Bathysiphon fauna	DEF AT 4
11350 / 10797	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 72	Date of Summary: 10-JAN-1979	First Sample Examined: 540
Lease Number: G02945	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12700
Well Name: 003	Paleo Done By: JIM COOKE	Borehole TVD: 12700
API Well Number: 177234001300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 540 - 12703	Water Depth: 285
Public Info Code: Y 29-NOV-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
540 /	DEF AT first sample examined	DEF IN 4
2430 /	DEF AT local marker planktic foram increase	DEF AT 5
2609 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2610 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
2730 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
2790 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
3150 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
3660 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
4080 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
4290 /	DEF AT cement	DEF AT 5
4860 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7770 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 5
10770 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
12703 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 72	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G04250	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14561
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10590
API Well Number: 177234010100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 306
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3140 / 3033	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3560 / 3360	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
3680 / 3453	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
3950 / 3661	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4160 / 3822	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
4790 / 4273	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5600 / 4798	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
8420 / 6605	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8690 / 6771	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11120 / 8334	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 73	Date of Summary: 14-JUL-1982	First Sample Examined: 1900
Lease Number: G04250	Source of Paleo: OPERATOR	Borehole MD: 14425
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13552
API Well Number: 177234010000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 2	Sample Range: 1900 - 14400	Water Depth: 460
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 / 1900	DEF AT first sample examined	DEF AT
3420 / 3235	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3630 / 3387	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4230 / 3820	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
4590 / 4079	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT
4740 / 4187	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7800 / 6936	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8820 / 7955	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14400 / 13477	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 73	Date of Summary: 16-SEP-1982	First Sample Examined: 1900
Lease Number: G04250	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14425
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 13552
API Well Number: 177234010000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 1900 - 14400	Water Depth: 460
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1900 / 1900	DEF AT first sample examined	DEF AT
1901 / 1901	DEF AT cement	DEF AT
3420 / 3235	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3630 / 3387	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4230 / 3820	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
4680 / 4144	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
4740 / 4187	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5280 / 4582	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
7800 / 6936	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8820 / 7955	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11070 / 10204	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
13260 / 12391	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT
14400 / 13477	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 73	Date of Summary: 12-NOV-1984	First Sample Examined: 0
Lease Number: G04250	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13380
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10429
API Well Number: 177234011300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 442
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3247 / 3138	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3896 / 3616	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
4729 / 4209	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5020 / 4419	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
8742 / 7000	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12593 / 9821	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13561 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 74	Date of Summary: 24-MAY-1972	First Sample Examined: 1500
Lease Number: G01615	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12758
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12758
API Well Number: 177224000400	Drilling Operator: CONOCO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1500 - 12758	Water Depth: 373
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	POS IN 2
1501 / 1501	DEF AT cement	POS IN 2
1590 / 1590	DEF AT faunal change (no faunal increase)	DEF IN 2
1770 / 1770	POS AT local marker foram increase	DEF AT 3
1860 / 1860	DEF AT local marker deep water fauna	DEF AT 4
2340 / 2336	DEF AT local marker deep water fauna	DEF AT 5
2700 / 2688	DEF AT local marker (general)	DEF AT 5
3510 / 3444	DEF AT local marker foram increase	DEF AT 5
3990 / 3869	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
4019 / 3894	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
4020 / 3895	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
4110 / 3974	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
5310 / 5025	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5340 / 5051	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
5400 / 5103	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
5490 / 5180	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 5
6030 / 5643	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
6780 / 6264	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
8160 / 7456	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
8310 / 7588	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8370 / 7640	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
10380 / 9447	DEF AT Cyclammina cancellata (local marker)	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 74	Date of Summary: 24-MAY-1972	First Sample Examined: 1500
Lease Number: G01615	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12758
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12758
API Well Number: 177224000400	Drilling Operator: CONOCO INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1500 - 12758	Water Depth: 373
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10770 / 9816	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12120 / 11141	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12210 / 11230	DEF AT Arenaceous fauna (local marker)	DEF AT 5
12570 / 11587	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12758 / 11773	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 77	Date of Summary: 27-APR-1973	First Sample Examined: 4740
Lease Number: G02184	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13728
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 12725
API Well Number: 177224000801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4740 - 13680	Water Depth: 216
Public Info Code: Y 22-FEB-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4740 / 4737	DEF AT first sample examined	POS AT 2
4741 / 4738	DEF AT cement	POS AT 2
4800 / 4797	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4980 / 4977	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5160 / 5155	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
5610 / 5580	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
5640 / 5607	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6240 / 6128	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
6270 / 6152	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7170 / 6866	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 2
7230 / 6913	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
7260 / 6937	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7470 / 7102	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
8580 / 7990	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8610 / 8015	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
8639 / 8038	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8640 / 8039	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
8669 / 8062	DEF AT Bathysiphon fauna	DEF AT 4
8670 / 8063	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
8790 / 8160	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
9240 / 8524	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9420 / 8670	DEF AT Cyclammina cancellata (local marker)	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 77	Date of Summary: 27-APR-1973	First Sample Examined: 4740
Lease Number: G02184	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13728
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 12725
API Well Number: 177224000801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4740 - 13680	Water Depth: 216
Public Info Code: Y 22-FEB-1975	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9600 / 8817	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
9660 / 8867	DEF AT local marker foram decrease	DEF IN 3
10350 / 9444	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 3
10589 / 9648	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10590 / 9649	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
11009 / 10024	POS AT transported shelf fauna	DEF AT 2
11010 / 10025	DEF AT local marker benthic foram increase	DEF AT 2
11130 / 10138	DEF AT faunal change (no faunal increase)	DEF AT 3
11640 / 10628	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11880 / 10864	POS AT Upper Miocene (Tortonian) Textularia 6	DEF IN 3
12000 / 10982	DEF AT local marker benthic foram increase	DEF IN 3
12060 / 11042	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
12150 / 11131	DEF AT local marker benthic foram increase	DEF AT 3
13080 / 12059	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13140 / 12119	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
13320 / 12299	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
13410 / 12389	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13680 / 12659	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 78	Date of Summary: 30-MAR-1973	First Sample Examined: 1800
Lease Number: G02185	Source of Paleo: OPERATOR	Borehole MD: 14893
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14686
API Well Number: 177224001400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 2	Sample Range: 1800 - 14890	Water Depth: 227
Public Info Code: Y 24-APR-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 / 1800	DEF AT first sample examined	DEF IN 4
2190 / 2190	DEF AT - - - - -	DEF AT 5
4080 / 4044	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5100 / 4977	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5670 / 5520	DEF AT - - - - -	DEF AT 3
6870 / 6687	DEF AT local marker benthic foram increase	DEF AT 3
8580 / 8395	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
9210 / 9024	DEF AT local marker (general)	DEF AT 4
11610 / 11422	DEF AT - - - - -	DEF AT 3
11880 / 11691	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
12630 / 12440	DEF AT - - - - -	DEF AT 4
13050 / 12860	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
14740 / 14536	DEF AT - - - - -	DEF AT 5
14890 / 14684	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 78	Date of Summary: 27-JUL-1973	First Sample Examined: 1800
Lease Number: G02185	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14893
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 14686
API Well Number: 177224001400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 69
Paleo Report Num: 2 of 2	Sample Range: 1800 - 14890	Water Depth: 227
Public Info Code: Y 24-APR-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 / 1800	DEF AT first sample examined	DEF AT 3
1801 / 1801	DEF IN Wisconsin fauna (local marker)	DEF AT 3
2610 / 2610	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2850 / 2850	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
3180 / 3180	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
3509 / 3505	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
3510 / 3506	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
3690 / 3680	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 2
4140 / 4100	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
4380 / 4320	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4590 / 4510	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
5100 / 4977	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
5339 / 5204	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5340 / 5205	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6509 / 6330	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
6510 / 6331	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
6540 / 6360	DEF AT local marker foram decrease	DEF AT 2
6869 / 6686	DEF AT pyrite	DEF AT 2
6870 / 6687	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 2
7620 / 7435	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7920 / 7735	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
7950 / 7765	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 78	Date of Summary: 27-JUL-1973	First Sample Examined: 1800
Lease Number: G02185	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14893
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 14686
API Well Number: 177224001400	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 69
Paleo Report Num: 2 of 2	Sample Range: 1800 - 14890	Water Depth: 227
Public Info Code: Y 24-APR-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8610 / 8424	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
8700 / 8514	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
9270 / 9084	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9360 / 9174	DEF AT pyrite	DEF AT 3
9390 / 9204	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9450 / 9264	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9480 / 9294	DEF AT faunal change (no faunal increase)	DEF AT 3
10230 / 10043	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11400 / 11212	POS AT local marker foram decrease	DEF IN 2
11610 / 11422	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
12000 / 11811	DEF AT local marker benthic foram increase	DEF AT 2
12090 / 11901	DEF AT local marker benthic foram increase	DEF AT 2
12510 / 12320	DEF AT Arenaceous fauna (local marker)	DEF IN 2
12540 / 12350	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 2
12720 / 12530	POS AT Cyclammina cancellata (local marker)	DEF AT 4
12810 / 12620	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
13020 / 12830	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
13050 / 12860	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
13800 / 13607	DEF AT Eggerella sp. (local marker)	DEF IN 4
14380 / 14180	DEF AT Bathysiphon fauna	DEF IN 4
14410 / 14210	DEF AT local marker benthic foram increase	DEF IN 4
14740 / 14536	DEF AT Arenaceous fauna (local marker)	DEF IN 4
14770 / 14566	DEF AT Bathysiphon fauna	DEF IN 4
14860 / 14655	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 78	Date of Summary: 12-FEB-1974	First Sample Examined: 3990
Lease Number: G02185	Source of Paleo: OPERATOR	Borehole MD: 15640
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14224
API Well Number: 177224001600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3990 - 15900	Water Depth: 227
Public Info Code: Y 25-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3990 / 3990	DEF AT first sample examined	DEF IN 4
4380 / 4380	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
4530 / 4530	DEF AT - - - - -	DEF AT 5
5010 / 5010	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5400 / 5396	DEF AT - - - - -	DEF AT 3
6540 / 6465	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8970 / 8617	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10140 / 9608	DEF AT local marker (general)	DEF AT 4
11970 / 11154	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12540 / 11649	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14940 / 13712	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
15600 / 14195	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 78	Date of Summary: 20-FEB-1974	First Sample Examined: 8000
Lease Number: G02185	Source of Paleo: OPERATOR	Borehole MD: 16124
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15557
API Well Number: 177224001700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 8000 - 16124	Water Depth: 227
Public Info Code: Y 19-MAR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7745	DEF AT first sample examined	DEF IN 3
8810 / 8530	DEF AT local marker (general)	DEF AT 4
11480 / 11107	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13460 / 12988	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
15080 / 14553	DEF AT - - - - -	DEF AT 5
16124 / 15558	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 83	Date of Summary: 08-MAY-1973	First Sample Examined: 1290
Lease Number: G02187	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11920
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11920
API Well Number: 177224001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1290 - 11940	Water Depth: 475
Public Info Code: Y 28-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1290 /	DEF AT first sample examined	POS AT 2
1291 /	DEF AT cement	POS AT 2
1440 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1860 /	POS IN Holocene Globorotalia inflata	DEF AT 3
2100 /	POS AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2190 /	DEF AT local marker foram decrease	DEF IN 3
2790 /	DEF AT local marker benthic foram increase	DEF IN 2
2880 /	DEF AT local marker foram increase	DEF AT 3
2940 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
3090 /	DEF AT cement	DEF AT 3
3570 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3840 /	DEF AT local marker foram decrease	DEF AT 3
3900 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4050 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
4200 /	DEF AT local marker foram decrease	DEF AT 3
4229 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 3
4230 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4260 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5280 /	DEF AT local marker planktic foram increase	DEF AT 4
5520 /	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5580 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 83	Date of Summary: 08-MAY-1973	First Sample Examined: 1290
Lease Number: G02187	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11920
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11920
API Well Number: 177224001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1290 - 11940	Water Depth: 475
Public Info Code: Y 28-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5609 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
5610 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
5639 /	DEF AT foram flood	DEF AT 4
5640 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5819 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
5820 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	POS AT 4
6120 /	POS AT local marker foram decrease	POS IN 3
6330 /	POS AT reworked material	POS IN 3
7980 /	DEF AT local marker planktic foram increase	DEF AT 3
8250 /	DEF AT local marker foram decrease	POS AT 3
8909 /	DEF AT foram flood	DEF AT 4
8910 /	POS IN Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
8940 /	DEF AT local marker foram decrease	POS AT 3
9420 /	POS AT reworked material	POS AT 3
10170 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10260 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10320 /	DEF AT Cyclamina cancellata (local marker)	DEF IN 4
10350 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10410 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10440 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10470 /	DEF AT local marker foram decrease	DEF IN 3
10620 /	DEF AT local marker planktic foram increase	DEF IN 3
10650 /	DEF AT local marker foram decrease	DEF AT 3
10890 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 83	Date of Summary: 08-MAY-1973	First Sample Examined: 1290
Lease Number: G02187	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11920
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 11920
API Well Number: 177224001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1290 - 11940	Water Depth: 475
Public Info Code: Y 28-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11610 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
11670 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
11730 /	DEF AT Bathysiphon fauna	DEF IN 4
11940 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 88	Date of Summary: 24-SEP-1970	First Sample Examined: 3000
Lease Number: G01616	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19285
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 17329
API Well Number: 177220000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3000 - 19285	Water Depth: 390
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2998	DEF AT first sample examined	POS AT 4
3176 / 3174	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
3220 / 3218	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
3264 / 3262	DEF AT faunal change (no faunal increase)	DEF IN 4
3660 / 3658	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 4
4762 / 4752	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5029 / 5010	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6020 / 5926	DEF AT local marker planktic foram increase	DEF AT 5
6064 / 5965	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6595 / 6433	DEF AT local marker planktic foram increase	DEF AT 5
6596 / 6433	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
6640 / 6472	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7359 / 7101	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9656 / 9136	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
11362 / 10570	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
12550 / 11588	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
13200 / 12156	DEF AT Eggerella sp. (local marker)	DEF IN 4
13320 / 12261	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 4
13470 / 12391	DEF AT Bathysiphon fauna	DEF IN 4
13590 / 12495	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
13620 / 12521	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
14010 / 12857	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 88	Date of Summary: 24-SEP-1970	First Sample Examined: 3000
Lease Number: G01616	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19285
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 17329
API Well Number: 177220000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3000 - 19285	Water Depth: 390
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14532 / 13299	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
15158 / 13845	DEF AT Arenaceous fauna (local marker)	DEF AT 4
17130 / 15581	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 5
18114 / 16428	DEF AT glauconite	DEF AT 5
18264 / 16556	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
19285 / 17428	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 88	Date of Summary: 15-OCT-1970	First Sample Examined: 8200
Lease Number: G01617	Source of Paleo: OPERATOR	Borehole MD: 14988
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14988
API Well Number: 177222000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8200 - 14988	Water Depth: 398
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8200 /	DEF AT first sample examined	DEF AT
14590 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14988 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 89	Date of Summary: 21-JUL-1970	First Sample Examined: 4210
Lease Number: G01618	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10473
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 10473
API Well Number: 177222000400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4210 - 10360	Water Depth: 415
Public Info Code: Y 21-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4210 /	DEF AT first sample examined	DEF AT 5
4211 /	DEF AT glauconite	DEF AT 5
4212 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
4330 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
5530 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5810 /	DEF AT glauconite	DEF AT 5
5930 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
5970 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6130 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7250 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7340 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
8690 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10360 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 89	Date of Summary: 02-SEP-1986	First Sample Examined: 10600
Lease Number: G01618	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20000
Well Name: B005	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18479
API Well Number: 177224008470	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 10600 - 20020	Water Depth: 426
Public Info Code: Y 28-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10600 / 10598	DEF AT first sample examined	DEF AT 4
10601 / 10599	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
10810 / 10807	DEF AT drilling material	POS AT 4
10840 / 10837	DEF AT oxidized shale	DEF AT 4
11080 / 11077	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11560 / 11556	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
11770 / 11765	DEF AT local marker foram increase	DEF IN 4
11830 / 11824	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
11980 / 11974	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
12040 / 12034	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF IN 4
12160 / 12153	DEF AT local marker foram decrease	DEF AT 5
12310 / 12302	DEF AT sample gap top	POS AT 5
12370 / 12362	DEF AT sample gap bottom	DEF AT 5
12489 / 12479	DEF AT pyrite	DEF AT 5
12490 / 12480	DEF AT local marker foram increase	DEF AT 5
12520 / 12509	DEF AT sample gap top	POS AT 5
12580 / 12568	DEF AT sample gap bottom	DEF AT 5
12610 / 12597	DEF AT local marker planktic foram increase	DEF AT 5
12940 / 12909	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
13090 / 13050	DEF AT local marker foram decrease	POS AT 5
13300 / 13248	DEF AT cement	POS AT 5
14380 / 14208	DEF AT drilling material	POS AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 89	Date of Summary: 02-SEP-1986	First Sample Examined: 10600
Lease Number: G01618	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20000
Well Name: B005	Paleo Done By: ROBERT WITROCK	Borehole TVD: 18479
API Well Number: 177224008470	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 10600 - 20020	Water Depth: 426
Public Info Code: Y 28-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15670 / 15246	DEF AT cement	POS AT 5
15760 / 15320	DEF AT drilling material	POS AT 5
16180 / 15658	DEF AT sample gap top	POS AT 5
16239 / 15705	DEF AT sample gap bottom	POS AT 5
16240 / 15705	DEF AT drilling material	POS AT 5
16650 / 16023	DEF AT cement	POS AT 5
17620 / 16816	DEF AT drilling material	POS AT 5
19390 / 18190	DEF AT local marker foram increase	DEF AT 4
19840 / 18494	DEF AT local marker benthic foram increase	DEF AT 4
19960 / 18572	DEF AT local marker foram decrease	DEF AT 4
20020 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 93	Date of Summary: 26-JUL-1971	First Sample Examined: 1240
Lease Number: G01619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11063
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10760
API Well Number: 177222000200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 1240 - 11062	Water Depth: 427
Public Info Code: Y 17-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1240 / 1240	DEF AT first sample examined	DEF IN 3
1300 / 1300	DEF AT faunal change (no faunal increase)	DEF AT 4
1360 / 1360	DEF AT local marker foram increase	DEF AT 4
1780 / 1780	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
1810 / 1810	DEF AT faunal change (no faunal increase)	DEF AT 5
3010 / 3010	DEF AT local marker foram increase	DEF AT 5
4090 / 4089	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4119 / 4118	DEF AT foram flood	DEF AT 5
4120 / 4119	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4210 / 4209	DEF AT local marker foram decrease	DEF AT 5
4240 / 4239	DEF AT local marker foram increase	DEF AT 5
5200 / 5197	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5260 / 5257	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5440 / 5436	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
5619 / 5614	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
5620 / 5615	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
5650 / 5645	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
5860 / 5852	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
5920 / 5910	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
5950 / 5940	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
6229 / 6211	DEF AT pyrite	DEF AT 5
7750 / 7681	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 93	Date of Summary: 26-JUL-1971	First Sample Examined: 1240
Lease Number: G01619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11063
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10760
API Well Number: 177222000200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 1240 - 11062	Water Depth: 427
Public Info Code: Y 17-JAN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8817	DEF AT local marker foram decrease	DEF AT 5
9460 / 9253	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9850 / 9610	DEF AT local marker foram decrease	DEF AT 5
10360 / 10089	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10810 / 10521	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
11020 / 10724	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
11062 / 10765	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 93	Date of Summary: 15-MAY-1973	First Sample Examined: 6500
Lease Number: G01619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13355
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 11149
API Well Number: 177224000601	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 6500 - 13370	Water Depth: 440
Public Info Code: Y 16-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6266	DEF AT first sample examined	DEF IN 3
6501 / 6267	DEF AT reworked material	DEF IN 3
6502 / 6268	POS IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
6680 / 6396	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	POS IN 3
8600 / 7788	DEF AT local marker deep water fauna	DEF AT 4
8750 / 7896	DEF AT foram flood	DEF AT 4
8780 / 7918	DEF AT local marker foram decrease	DEF IN 3
8959 / 8047	DEF AT pyrite	DEF IN 3
8960 / 8048	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
9560 / 8475	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
9620 / 8518	POS AT local marker foram decrease	DEF IN 3
10309 / 9004	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
10310 / 9005	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
10760 / 9318	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11720 / 9995	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11809 / 10058	POS AT Bathysiphon fauna	DEF AT 4
11810 / 10059	POS AT Cyclammina cancellata (local marker)	DEF AT 4
11930 / 10143	DEF AT local marker foram decrease	DEF IN 3
11959 / 10163	DEF AT pyrite	DEF IN 3
11960 / 10164	DEF AT local marker planktic foram increase	DEF IN 3
12469 / 10521	DEF AT Arenaceous fauna (local marker)	DEF IN 3
12470 / 10522	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 93	Date of Summary: 15-MAY-1973	First Sample Examined: 6500
Lease Number: G01619	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13355
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 11149
API Well Number: 177224000601	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 6500 - 13370	Water Depth: 440
Public Info Code: Y 16-SEP-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13100 / 10966	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
13310 / 11117	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
13370 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 94	Date of Summary: 21-OCT-1970	First Sample Examined: 1330
Lease Number: G01620	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11647
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11647
API Well Number: 177222000700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1330 - 11647	Water Depth: 456
Public Info Code: Y 22-SEP-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1330 /	DEF AT first sample examined	POS AT 3
1331 /	DEF AT cement	POS AT 3
1450 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3670 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3970 /	DEF AT local marker foram increase	DEF AT 5
4000 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
4120 /	DEF AT cement	POS AT 5
5110 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5610 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
5670 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
5850 /	DEF AT out-of-place section	DEF AT 5
6509 /	DEF AT foram flood	DEF AT 5
6510 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6780 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
6870 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
7440 /	DEF AT glauconite	DEF AT 5
7529 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7530 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8950 /	DEF AT local marker benthic foram increase	DEF AT 5
9820 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
10000 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
10120 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 94	Date of Summary: 21-OCT-1970	First Sample Examined: 1330
Lease Number: G01620	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11647
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11647
API Well Number: 177222000700	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1330 - 11647	Water Depth: 456
Public Info Code: Y 22-SEP-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10750 /	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 5
11520 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11647 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 94	Date of Summary: 27-OCT-1970	First Sample Examined: 6110
Lease Number: G01620	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10801
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10292
API Well Number: 177222000701	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 6110 - 10780	Water Depth: 456
Public Info Code: Y 13-OCT-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6110 / 5986	DEF AT first sample examined	DEF IN 5
6111 / 5987	POS IN Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
6560 / 6340	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 5
7610 / 7180	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 5
7850 / 7395	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
8060 / 7587	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
8750 / 8250	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
8810 / 8309	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
9800 / 9293	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 5
10600 / 10091	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
10780 / 10270	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 96	Date of Summary: 04-DEC-1973	First Sample Examined: 950
Lease Number: G02188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8651
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8651
API Well Number: 177224001000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 950 - 8650	Water Depth: 540
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
950 /	DEF AT first sample examined	DEF AT 3
1300 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2520 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2880 /	DEF AT local marker planktic foram increase	DEF AT 4
3420 /	DEF AT local marker planktic foram increase	DEF AT 4
4920 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
5740 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
6490 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6520 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6580 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
6730 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
6760 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6970 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
7270 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
7360 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
7390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
7720 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
7960 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5
8030 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8230 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
8290 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
8350 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 96	Date of Summary: 04-DEC-1973	First Sample Examined: 950
Lease Number: G02188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8651
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8651
API Well Number: 177224001000	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 950 - 8650	Water Depth: 540
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8380 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8410 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8560 /	DEF AT glauconite	DEF AT 5
8650 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 96	Date of Summary: 25-NOV-1974	First Sample Examined: 5170
Lease Number: G02188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14207
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12861
API Well Number: 177224001001	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 5170 - 14237	Water Depth: 556
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5170 / 5170	DEF AT first sample examined	DEF IN 4
5171 / 5171	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
5440 / 5439	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 5
5709 / 5707	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5710 / 5708	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5889 / 5885	DEF AT pyrite	DEF AT 4
5890 / 5886	DEF AT local marker foram decrease	DEF AT 4
6310 / 6291	DEF AT local marker planktic foram increase	DEF AT 4
6400 / 6375	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
6790 / 6727	DEF AT local marker planktic foram increase	DEF AT 4
6940 / 6856	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7090 / 6982	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
7180 / 7058	DEF AT glauconite	DEF AT 4
7900 / 7667	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8200 / 7921	DEF AT local marker planktic foram increase	DEF AT 4
8440 / 8124	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
8469 / 8149	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
8470 / 8149	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9370 / 8905	DEF AT local marker planktic foram increase	DEF AT 4
10900 / 10185	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
11400 / 10597	DEF AT pyrite	DEF AT 4
12130 / 11184	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SP 96	Date of Summary: 25-NOV-1974	First Sample Examined: 5170
Lease Number: G02188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14207
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12861
API Well Number: 177224001001	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 5170 - 14237	Water Depth: 556
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12210 / 11246	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
13060 / 11929	DEF AT Arenaceous fauna (local marker)	DEF IN 4
13180 / 12026	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
13630 / 12391	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
13750 / 12488	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
14237 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 26	Date of Summary: 20-AUG-1969	First Sample Examined: 15900
Lease Number: G01868	Source of Paleo: OPERATOR	Borehole MD: 16786
Well Name: 001	Paleo Done By: DAVID POPE	Borehole TVD: 16785
API Well Number: 177110084100	Drilling Operator: SKELLY OIL COMPANY	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 15900 - 16790	Water Depth: 9
Public Info Code: Y 04-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15900 / 15899	DEF AT first sample examined	DEF AT
15901 / 15900	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
16030 / 16029	DEF AT local marker benthic foram increase	DEF AT
16790 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 26	Date of Summary: 16-JAN-1970	First Sample Examined: 14000
Lease Number: G01868	Source of Paleo: OPERATOR	Borehole MD: 18385
Well Name: 003	Paleo Done By: DAVID POPE	Borehole TVD: 18385
API Well Number: 177112010400	Drilling Operator: SKELLY OIL COMPANY	Rkb Elevation: 44
Paleo Report Num: 1 of 2	Sample Range: 14000 - 18350	Water Depth: 8
Public Info Code: Y 04-MAR-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14000 /	DEF AT first sample examined	DEF AT
14001 /	DEF IN Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
14630 /	DEF AT Cyclammina sp. (local marker)	DEF AT
15380 /	DEF AT sandstone	DEF AT
18350 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
18380 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 26	Date of Summary: 26-JAN-1970	First Sample Examined: 14000
Lease Number: G01868	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18385
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 18385
API Well Number: 177112010400	Drilling Operator: SKELLY OIL COMPANY	Rkb Elevation: 44
Paleo Report Num: 2 of 2	Sample Range: 14000 - 18380	Water Depth: 8
Public Info Code: Y 04-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
14000 /	DEF AT first sample examined	DEF AT
14001 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
14630 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
14900 /	DEF AT local marker benthic foram increase	DEF AT
15320 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
16310 /	POS AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT
17540 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT
18380 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 27	Date of Summary: 18-NOV-1985	First Sample Examined: 13500
Lease Number: 00347	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18383
Well Name: 003	Paleo Done By: GAY LARRE'	Borehole TVD: 18383
API Well Number: 177114058900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 13500 - 18370	Water Depth: 15
Public Info Code: Y 18-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
13500 /	DEF AT first sample examined	DEF AT 2
13530 /	POS AT pyrite	DEF AT 2
13560 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
13830 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
13890 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
14250 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
14400 /	DEF AT oxidized shale	DEF AT 3
14460 /	DEF AT local marker benthic foram increase	DEF AT 3
14790 /	DEF AT oxidized shale	DEF AT 3
14910 /	DEF AT poor sample interval top	POS AT 3
15480 /	DEF AT poor sample interval bottom	DEF AT 3
15600 /	DEF AT faunal change (no faunal increase)	DEF AT 4
15750 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16110 /	DEF AT oxidized shale	DEF AT 4
16200 /	DEF AT pyrite	DEF AT 4
16710 /	DEF AT oxidized shale	DEF AT 4
16920 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
17280 /	DEF AT sandstone	DEF AT 4
17370 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 4
17580 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
18040 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
18340 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 30	Date of Summary: 18-APR-1956	First Sample Examined: 0
Lease Number: 00333	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11950
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11950
API Well Number: 177110001100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 24-APR-1966	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9900 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10450 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10700 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 32	Date of Summary: 13-MAR-1975	First Sample Examined: 0
Lease Number: 00335	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12765
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 12501
API Well Number: 177114024400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 27-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7948	DEF AT - - - - -	DEF AT 2
8280 / 8205	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9120 / 9016	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9480 / 9363	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9870 / 9740	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11250 / 11062	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
12480 / 12232	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3

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Area Block: SS 32	Date of Summary: 02-MAY-1975	First Sample Examined: 0
Lease Number: 00335	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10103
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 10103
API Well Number: 177114024900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 21-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6073 /	DEF AT - - - - -	DEF AT 2
7502 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8630 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
9020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
9920 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2

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End Date: 31-DEC-1987

Area Block: SS 32	Date of Summary: 21-AUG-1975	First Sample Examined: 0
Lease Number: 00335	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177114028600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 05-SEP-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8720 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9740 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
10070 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
10880 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11990 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4

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End Date: 31-DEC-1987

Area Block: SS 32	Date of Summary: 24-JUN-1976	First Sample Examined: 7010
Lease Number: 00335	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9798
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 9789
API Well Number: 177114031000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 7010 - 9800	Water Depth: 18
Public Info Code: Y 07-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
7010 / 7004	DEF AT first sample examined	DEF IN 2
7710 / 7704	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
8390 / 8383	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8720 / 8713	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9365 / 9357	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9800 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 32	Date of Summary: 23-SEP-1973	First Sample Examined: 0
Lease Number: 00335	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8610
Well Name: E001	Paleo Done By: OPERATOR	Borehole TVD: 8595
API Well Number: 177114022300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 23-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8360 / 8347	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8510 / 8496	DEF AT salt	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 33	Date of Summary: 26-JUN-1975	First Sample Examined: 0
Lease Number: 00336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11451
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11451
API Well Number: 177114026600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 17
Public Info Code: Y 03-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 /	DEF AT -----	DEF AT 2
7990 /	DEF AT -----	DEF AT 3
8290 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8740 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: SS 33	Date of Summary: 16-DEC-1975	First Sample Examined: 0
Lease Number: 00336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177114029800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 21-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 /	DEF AT -----	DEF AT 2
7970 /	DEF AT -----	DEF AT 4
8150 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8180 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
8750 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 33	Date of Summary: 02-JUN-1976	First Sample Examined: 0
Lease Number: 00336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10238
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10238
API Well Number: 177114030900	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 01-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	<u>Paleo Top Description</u>	<u>Ecozone</u>
7010 /	DEF AT - - - - -	DEF AT 2
7940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8420 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8720 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8929 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 33	Date of Summary: 08-JUL-1976	First Sample Examined: 0
Lease Number: 00336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9700
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9700
API Well Number: 177114031700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 26-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7520 /	DEF AT - - - - -	DEF IN 2
8540 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
8780 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
8900 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 33	Date of Summary: 03-SEP-1976	First Sample Examined: 0
Lease Number: 00336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7056
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 6938
API Well Number: 177114033100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 18
Public Info Code: Y 11-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 / 6506	DEF AT Upper Miocene (Messinian) Textularia "X"	POS IN
6800 / 6685	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6890 / 6774	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6950 / 6833	DEF AT domal material	POS IN

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End Date: 31-DEC-1987

Area Block: SS 33	Date of Summary: 13-OCT-1976	First Sample Examined: 0
Lease Number: 00336	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9800
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 9800
API Well Number: 177114033300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 19
Public Info Code: Y 08-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5020 /	DEF AT - - - - -	DEF IN 1
7660 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
8120 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 36	Date of Summary: 13-OCT-1971	First Sample Examined: 7020
Lease Number: 00342	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9838
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9838
API Well Number: 177112019400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 7020 - 9837	Water Depth: 12
Public Info Code: Y 18-AUG-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7020 /	DEF AT first sample examined	DEF IN 2
7050 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
8020 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
8140 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9837 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 57	Date of Summary: 13-AUG-1965	First Sample Examined: 8980
Lease Number: G00998	Source of Paleo: OPERATOR	Borehole MD: 14020
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14020
API Well Number: 177110046000	Drilling Operator: CONOCO INC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 8980 - 14020	Water Depth: 20
Public Info Code: Y 30-APR-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8980 /	DEF AT first sample examined	DEF AT 1
9638 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 2
9639 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 2
9640 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10180 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10200 /	DEF AT - - - - -	DEF IN 1
10660 /	POS IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10750 /	DEF AT local marker foram increase	DEF AT 2
11080 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
11260 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 2
11440 /	DEF AT - - - - -	DEF AT 2
12640 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
13389 /	DEF AT Eggerella 3 (local marker)	DEF AT 3
13390 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 3
14020 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 61	Date of Summary: 29-MAR-1979	First Sample Examined: 0
Lease Number: G03787	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14487
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14487
API Well Number: 177114045800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 23
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5460 /	DEF AT - - - - -	DEF AT 2
7000 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10040 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10310 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 72	Date of Summary: 27-MAY-1969	First Sample Examined: 6000
Lease Number: G12348	Source of Paleo: OPERATOR	Borehole MD: 12966
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 12964
API Well Number: 177110010400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 6000 - 12960	Water Depth: 28
Public Info Code: Y 02-AUG-1963	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT
7530 / 7530	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7800 / 7800	DEF AT local marker benthic foram increase	DEF AT
8940 / 8940	DEF AT Cyclammina cancellata (local marker)	DEF AT
9030 / 9030	DEF AT local marker benthic foram increase	DEF AT
9060 / 9060	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9690 / 9689	DEF AT local marker benthic foram increase	DEF AT
10080 / 10079	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10140 / 10139	DEF AT Arenaceous fauna (local marker)	DEF AT
10770 / 10769	DEF AT local marker benthic foram increase	DEF AT
11140 / 11139	DEF AT local marker benthic foram increase	DEF AT
11210 / 11209	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT
11870 / 11869	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12050 / 12049	DEF AT Eggerella sp. (local marker)	DEF AT
12080 / 12079	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 73	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G03814	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4500
API Well Number: 177114065000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 78	Date of Summary: 04-OCT-1966	First Sample Examined: 7010
Lease Number: G01003	Source of Paleo: OPERATOR	Borehole MD: 12574
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12574
API Well Number: 177110052100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 23
Paleo Report Num: 1 of 1	Sample Range: 7010 - 12570	Water Depth: 20
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7010 /	DEF AT first sample examined	DEF AT
10224 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
10595 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11015 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11433 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
11589 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
12519 /	POS AT unconformity	DEF AT
12520 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12570 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 78	Date of Summary: 03-DEC-1982	First Sample Examined: 9000
Lease Number: G04868	Source of Paleo: OPERATOR	Borehole MD: 13697
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12648
API Well Number: 177114065300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 74
Paleo Report Num: 1 of 2	Sample Range: 9000 - 13680	Water Depth: 20
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8959	DEF AT first sample examined	DEF AT 2
9960 / 9808	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10440 / 10188	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11160 / 10710	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12180 / 11487	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 4
12630 / 11832	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12750 / 11921	DEF AT cement	POS AT 4
12870 / 12011	DEF AT faunal change (no faunal increase)	DEF AT 3
13350 / 12384	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13620 / 12590	DEF AT faunal change (no faunal increase)	DEF AT 2
13680 / 12635	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 78	Date of Summary: 07-DEC-1982	First Sample Examined: 9000
Lease Number: G04868	Source of Paleo: OPERATOR	Borehole MD: 13697
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12648
API Well Number: 177114065300	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 74
Paleo Report Num: 2 of 2	Sample Range: 9000 - 13680	Water Depth: 20
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8959	DEF AT first sample examined	DEF IN 2
9930 / 9784	DEF AT local marker benthic foram increase	DEF AT 3
9960 / 9808	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10440 / 10188	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11160 / 10710	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11760 / 11163	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13680 / 12635	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 78	Date of Summary: 12-FEB-1986	First Sample Examined: 0
Lease Number: G04868	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14617
API Well Number: 177114070600	Drilling Operator: CONOCO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 20
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11574 / 11560	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 81	Date of Summary: 03-SEP-1982	First Sample Examined: 2500
Lease Number: G04869	Source of Paleo: OPERATOR	Borehole MD: 7650
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7650
API Well Number: 177114065800	Drilling Operator: AMINOIL INC.	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 2500 - 7650	Water Depth: 40
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 /	DEF AT first sample examined	DEF IN 2
4080 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6550 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7650 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 87	Date of Summary: 27-FEB-1986	First Sample Examined: 6025
Lease Number: 00060	Source of Paleo: OPERATOR	Borehole MD: 12661
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 12533
API Well Number: 177110011300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 51
Paleo Report Num: 2 of 2	Sample Range: 6025 - 11640	Water Depth: 31
Public Info Code: Y 18-AUG-1963	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6025 / 5981	DEF AT first sample examined	DEF AT
7624 / 7554	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9140 / 9045	DEF AT Cyclammina cancellata (local marker)	DEF AT
9200 / 9105	DEF AT local marker benthic foram increase	DEF AT
9322 / 9225	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9384 / 9286	DEF AT local marker benthic foram increase	DEF AT
9475 / 9376	DEF AT local marker benthic foram increase	DEF AT
9624 / 9523	DEF AT Arenaceous fauna (local marker)	DEF AT
9988 / 9883	POS AT Eggerella sp. (local marker)	DEF AT
10019 / 9914	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10323 / 10214	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10565 / 10453	DEF AT Eggerella sp. (local marker)	DEF AT
10713 / 10600	DEF AT local marker benthic foram increase	DEF AT
11307 / 11190	DEF AT local marker benthic foram increase	DEF AT
11640 / 11521	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 90	Date of Summary: 14-JAN-1980	First Sample Examined: 0
Lease Number: G02918	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12570
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12568
API Well Number: 177114048400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 11-SEP-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10250 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10700 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10950 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
11120 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
11420 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 90	Date of Summary: 27-OCT-1979	First Sample Examined: 0
Lease Number: G02918	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5575
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5575
API Well Number: 177114048300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 11-SEP-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3562 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4003 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4546 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 90	Date of Summary: 10-JUN-1980	First Sample Examined: 530
Lease Number: G02918	Source of Paleo: OPERATOR	Borehole MD: 14033
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14033
API Well Number: 177114051400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 530 - 14030	Water Depth: 34
Public Info Code: Y 11-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
530 / 530	DEF AT first sample examined	DEF AT 1
950 / 950	DEF AT non-marine sediment	DEF AT 0
1130 / 1130	POS AT local marker (general)	DEF AT 1
1520 / 1520	DEF AT non-marine sediment	DEF AT 0
1610 / 1610	DEF AT - - - - -	DEF AT 1
2300 / 2300	DEF AT local marker (general)	DEF AT 1
2570 / 2570	DEF AT non-marine sediment	DEF AT 0
2660 / 2660	DEF AT - - - - -	DEF AT 1
2780 / 2780	DEF AT shell fragments	DEF AT 1
2781 / 2781	DEF AT local marker foram increase	DEF AT 1
3230 / 3230	DEF AT non-marine sediment	DEF AT 0
3470 / 3470	DEF AT - - - - -	DEF AT 1
3530 / 3530	DEF AT Arenaceous fauna (local marker)	DEF AT 1
3980 / 3980	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4100 / 4100	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4130 / 4130	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4250 / 4250	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
4280 / 4280	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4370 / 4370	DEF AT - - - - -	DEF AT 1
4940 / 4940	DEF AT local marker (general)	DEF AT 1
5840 / 5840	DEF AT shell fragments	DEF AT 1
6380 / 6380	DEF AT - - - - -	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 90	Date of Summary: 10-JUN-1980	First Sample Examined: 530
Lease Number: G02918	Source of Paleo: OPERATOR	Borehole MD: 14033
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14033
API Well Number: 177114051400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 530 - 14030	Water Depth: 34
Public Info Code: Y 11-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6890 / 6890	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7710 / 7710	DEF AT non-marine sediment	DEF AT 0
7800 / 7800	DEF AT non-marine sediment	DEF AT 1
8220 / 8220	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
9508 / 9507	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9509 / 9508	DEF AT Eggerella sp. (local marker)	DEF AT 3
9510 / 9509	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
9570 / 9569	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
9600 / 9599	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
9630 / 9629	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
9690 / 9689	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10020 / 10019	DEF AT - - - - -	DEF AT 2
10349 / 10348	DEF AT local marker benthic foram increase	DEF AT 3
10350 / 10349	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10380 / 10379	DEF AT - - - - -	DEF IN 2
10440 / 10439	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
10560 / 10559	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
10650 / 10649	DEF AT - - - - -	DEF IN 2
10920 / 10919	DEF AT Eggerella sp. (local marker)	DEF IN 2
11130 / 11129	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12000 / 11999	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
12030 / 12029	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
12900 / 12899	DEF AT Bathysiphon fauna	DEF AT 3
12930 / 12929	DEF AT Arenaceous fauna (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 90	Date of Summary: 10-JUN-1980	First Sample Examined: 530
Lease Number: G02918	Source of Paleo: OPERATOR	Borehole MD: 14033
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14033
API Well Number: 177114051400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 530 - 14030	Water Depth: 34
Public Info Code: Y 11-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 / 12989	DEF AT Eggerella 3 (local marker)	DEF AT 3
13290 / 13289	DEF AT - - - - -	POS AT 3
13440 / 13439	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
13530 / 13529	DEF AT - - - - -	DEF AT 4
13650 / 13648	DEF AT deepwater facies Listerella fauna	DEF AT 4
13680 / 13678	DEF AT - - - - -	DEF AT 5
13710 / 13708	DEF AT - - - - -	DEF AT 4
14030 / 14028	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 91	Date of Summary: 19-AUG-1975	First Sample Examined: 2660
Lease Number: G02919	Source of Paleo: OPERATOR	Borehole MD: 10740
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10740
API Well Number: 177114028400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2660 - 10740	Water Depth: 35
Public Info Code: Y 01-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2660 /	DEF AT first sample examined	DEF AT 1
3200 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
3230 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3380 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3920 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4070 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2
4100 /	DEF AT local marker benthic foram increase	DEF IN 2
4190 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5280 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
6210 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6690 /	DEF AT local marker foram increase	DEF AT 1
6750 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
7350 /	DEF AT local marker benthic foram increase	DEF AT 1
7950 /	DEF AT local marker benthic foram increase	DEF AT 2
8220 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 3
8400 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8700 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 3
8730 /	DEF AT local marker foram decrease	DEF AT 2
9060 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
9120 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
9149 /	DEF AT limestone	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 91	Date of Summary: 19-AUG-1975	First Sample Examined: 2660
Lease Number: G02919	Source of Paleo: OPERATOR	Borehole MD: 10740
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10740
API Well Number: 177114028400	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2660 - 10740	Water Depth: 35
Public Info Code: Y 01-SEP-1985	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9150 /	DEF AT local marker foram decrease	DEF AT 2
9540 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
9630 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9660 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9810 /	DEF AT pyrite	DEF AT 3
9870 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9900 /	DEF AT local marker planktic foram increase	DEF AT 3
9950 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10210 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
10230 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10260 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
10400 /	DEF AT local marker planktic foram increase	DEF AT 3
10530 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10740 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 93	Date of Summary: 27-DEC-1972	First Sample Examined: 6500
Lease Number: 00063	Source of Paleo: OPERATOR	Borehole MD: 12100
Well Name: 023	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12098
API Well Number: 177114019200	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 6500 - 12100	Water Depth: 25
Public Info Code: Y 14-JAN-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6500	DEF AT first sample examined	DEF AT 2
7490 / 7489	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10290 / 10289	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
10710 / 10709	DEF AT faunal change (no faunal increase)	DEF AT 3
11010 / 11008	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11850 / 11848	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
12100 / 12098	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 94	Date of Summary: 28-APR-1970	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14014
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 14014
API Well Number: 177112006000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 11-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10810 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
12270 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
12540 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13110 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13920 /	DEF AT gouge	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 94	Date of Summary: 08-FEB-1971	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14915
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 14880
API Well Number: 177112013200	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 12-JAN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8760 / 8758	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11440 / 11435	POS IN Upper Miocene (Tortonian) Textularia 6	DEF AT
12560 / 12552	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
13120 / 13111	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13970 / 13956	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14720 / 14696	DEF AT gouge	DEF AT 6
14903 /	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 94	Date of Summary: 12-MAY-1971	First Sample Examined: 0
Lease Number: 00042	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12575
Well Name: 014	Paleo Done By: OPERATOR	Borehole TVD: 12568
API Well Number: 177112019000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 31
Public Info Code: Y 04-MAY-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11675 / 11672	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12360 / 12356	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12546 / 12541	DEF AT gouge	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 94	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G01983	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14055
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14042
API Well Number: 177114059500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 06-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8310 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11670 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
12180 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
12960 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13800 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 98	Date of Summary: 20-FEB-1975	First Sample Examined: 2550
Lease Number: G02140	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12800
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12800
API Well Number: 177114020100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 2550 - 12800	Water Depth: 23
Public Info Code: Y 30-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2550 /	DEF AT first sample examined	POS AT 2
2551 /	DEF AT cement	POS AT 2
2683 /	DEF AT miliolid limestone	DEF AT 2
2903 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2991 /	DEF AT local marker foram decrease	DEF AT 1
3299 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4575 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5191 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5279 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7127 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8007 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9371 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
9987 /	POS AT Cyclamina cancellata (local marker)	DEF AT 3
10119 /	DEF AT local marker foram decrease	DEF IN 2
10295 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
10603 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
10735 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11000 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11132 /	POS AT local marker foram decrease	DEF IN 2
11396 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11528 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
11572 /	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 98	Date of Summary: 20-FEB-1975	First Sample Examined: 2550
Lease Number: G02140	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12800
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12800
API Well Number: 177114020100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 2550 - 12800	Water Depth: 23
Public Info Code: Y 30-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11616 /	POS AT local marker foram decrease	DEF IN 2
11807 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11895 /	POS AT local marker foram decrease	DEF IN 3
12000 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12043 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 4
12044 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
12440 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
12572 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 3
12616 /	DEF AT local marker foram decrease	DEF IN 3
12660 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
12800 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 105	Date of Summary: 04-MAR-1987	First Sample Examined: 10580
Lease Number: G01510	Source of Paleo: OPERATOR	Borehole MD: 15320
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15320
API Well Number: 177110072700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 3100 - 15290	Water Depth: 32
Public Info Code: Y 28-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10580 /	DEF AT first sample examined	DEF AT 2
10970 /	DEF AT -----	DEF AT 3
11360 /	DEF AT -----	DEF AT 2
12020 /	DEF AT -----	DEF AT 3
12140 /	DEF AT -----	DEF AT 4
12200 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12770 /	DEF AT -----	DEF AT 2
12950 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
13760 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
14240 /	DEF AT -----	DEF AT 3
14990 /	DEF AT -----	DEF AT 4
15290 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 111	Date of Summary: 30-SEP-1977	First Sample Examined: 4860
Lease Number: G03412	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15178
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15175
API Well Number: 177114035300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 4860 - 12660	Water Depth: 34
Public Info Code: Y 18-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4860 / 4860	DEF AT first sample examined	DEF AT 2
4920 / 4920	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5160 / 5160	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 2
5189 / 5189	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5190 / 5190	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
5370 / 5369	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
5670 / 5669	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6809 / 6807	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
6810 / 6808	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
7980 / 7978	DEF AT pyrite	DEF AT 3
9630 / 9628	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
10379 / 10377	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10380 / 10378	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
11070 / 11067	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12420 / 12417	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12450 / 12447	DEF AT pyrite	DEF AT 4
12540 / 12537	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12660 / 12657	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 111	Date of Summary: 30-SEP-1977	First Sample Examined: 12500
Lease Number: G03412	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15178
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15175
API Well Number: 177114035300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 12500 - 15170	Water Depth: 34
Public Info Code: Y 18-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
12500 / 12497	DEF AT first sample examined	DEF AT 4
12620 / 12617	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12650 / 12647	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
12680 / 12677	DEF IN Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
13190 / 13187	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
14360 / 14357	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
15170 / 15167	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 111	Date of Summary: 19-AUG-1981	First Sample Examined: 0
Lease Number: G03412	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15815
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15805
API Well Number: 177114055800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 18-DEC-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8159 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10320 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
12108 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13540 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
14050 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
14340 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
14800 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 112	Date of Summary: 03-AUG-1989	First Sample Examined: 0
Lease Number: 00066	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14150
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14150
API Well Number: 177114001500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 04-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9340 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10220 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
12160 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
13990 /	DEF AT gouge	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 113	Date of Summary: 17-DEC-1997	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6823
Well Name: 018	Paleo Done By: OPERATOR	Borehole TVD: 6803
API Well Number: 177110063600	Drilling Operator: MURPHY EXPLORATION & PRODUCTIO	Rkb Elevation: 49
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 16-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6085 / 6067	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 113	Date of Summary: 10-APR-1973	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9409
Well Name: 027	Paleo Done By: OPERATOR	Borehole TVD: 9409
API Well Number: 177114021100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 29-APR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5580 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8684 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 113	Date of Summary: 27-NOV-1973	First Sample Examined: 0
Lease Number: 00067	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7015
Well Name: 028	Paleo Done By: OPERATOR	Borehole TVD: 7001
API Well Number: 177114024100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 22-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6080 / 6068	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 114	Date of Summary: 07-JAN-1972	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9966
Well Name: 036	Paleo Done By: OPERATOR	Borehole TVD: 9885
API Well Number: 177112020400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 03-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7115 / 7073	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 114	Date of Summary: 20-AUG-1976	First Sample Examined: 0
Lease Number: 00064	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7967
Well Name: 038	Paleo Done By: OPERATOR	Borehole TVD: 7178
API Well Number: 177114031800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 26-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4370 / 4173	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5697 / 5238	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7013 / 6355	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 115	Date of Summary: 07-FEB-1975	First Sample Examined: 0
Lease Number: G02619	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12510
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12510
API Well Number: 177114025900	Drilling Operator: OCCIDENTAL PETROLEUM CORPORATI	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 20-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5043 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 118	Date of Summary: 09-JAN-1976	First Sample Examined: 0
Lease Number: 00068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8844
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8844
API Well Number: 177114030200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 25-JAN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7465 / 7464	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 118	Date of Summary: 28-APR-1982	First Sample Examined: 0
Lease Number: G03789	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13549
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13549
API Well Number: 177114053300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5410 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7000 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9450 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11200 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11620 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
12280 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
12340 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12610 /	POS IN Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
13000 /	DEF AT local marker benthic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 24-FEB-1976	First Sample Examined: 0
Lease Number: 00040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9400
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9400
API Well Number: 177114030600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 26-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7821 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9332 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 29-NOV-1960	First Sample Examined: 7650
Lease Number: 00069	Source of Paleo: OPERATOR	Borehole MD: 10514
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10514
API Well Number: 177110011900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 7650 - 10449	Water Depth: 47
Public Info Code: Y 08-APR-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7650 /	DEF AT first sample examined	DEF AT
8465 /	DEF AT local marker (general)	DEF AT
10172 /	DEF AT Cyclammina sp. (local marker)	DEF AT
10449 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 21-SEP-1972	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12593
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12586
API Well Number: 177114015900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 17-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8820 / 8819	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10580 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
11900 /	POS IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
12275 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12517 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 06-MAY-1973	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11373
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11373
API Well Number: 177114021600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 22-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4415 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5328 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6151 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9184 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10229 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11182 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11330 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 22-JUN-1973	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10933
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 10923
API Well Number: 177114021800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 01-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4245 / 4245	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5264 / 5264	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5831 / 5830	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8757 / 8755	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9954 / 9949	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
10704 / 10697	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
10705 / 10698	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 29-AUG-1973	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9745
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9494
API Well Number: 177114022200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 31-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4058	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5080 / 5073	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5867 / 5841	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8420 / 8231	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 12-SEP-1973	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10089
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 9990
API Well Number: 177114022201	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 12-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8233 / 8150	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9915 / 9818	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 16-JAN-1975	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11350
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 11350
API Well Number: 177114027400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 46
Public Info Code: Y 07-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5798 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8654 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10298 /	DEF IN Upper Miocene (Messinian) Textularia tatumii	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 25-NOV-1974	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9598
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 9598
API Well Number: 177114027200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 29-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9490 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 07-JUL-1976	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9624
Well Name: 013	Paleo Done By: OPERATOR	Borehole TVD: 9624
API Well Number: 177114031300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 14-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6425 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Area Block: SS 119	Date of Summary: 22-APR-1976	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9982
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 9869
API Well Number: 177114030601	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 15-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7872 / 7804	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9315 / 9206	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT
9790 / 9678	POS IN Upper Miocene (Messinian) Textularia tatumi	DEF AT
9852 / 9740	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 119	Date of Summary: 07-JUL-1976	First Sample Examined: 0
Lease Number: 00069	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10015
Well Name: 016	Paleo Done By: OPERATOR	Borehole TVD: 9205
API Well Number: 177114031301	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 26-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4522 / 4438	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5886 / 5615	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6718 / 6350	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8490 / 7880	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9947 / 9145	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 120	Date of Summary: 07-SEP-1961	First Sample Examined: 5000
Lease Number: 00038	Source of Paleo: OPERATOR	Borehole MD: 12249
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12249
API Well Number: 177110011700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12240	Water Depth: 40
Public Info Code: Y 21-AUG-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT
7990 /	POS AT Eggerella sp. (local marker)	DEF AT
8020 /	DEF AT local marker (general)	DEF AT
9309 /	DEF AT local marker (general)	DEF AT
10669 /	POS AT Cyclammina cancellata (local marker)	DEF AT
11460 /	DEF AT local marker (general)	DEF AT
12114 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT
12240 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 134	Date of Summary: 01-NOV-1972	First Sample Examined: 1710
Lease Number: G01512	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 6500
API Well Number: 177114010600	Drilling Operator: CONOCO INC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 1710 - 4795	Water Depth: 47
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1710 /	DEF AT first sample examined	POS IN 1
1711 /	DEF AT cement	POS IN 1
1740 /	DEF AT local marker benthic foram increase	DEF IN 1
1770 /	DEF AT local marker foram decrease	DEF IN 1
2073 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
2104 /	DEF AT local marker benthic foram increase	DEF AT 2
2166 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2290 /	DEF AT local marker foram decrease	DEF AT 2
2445 /	DEF AT local marker foram decrease	DEF IN 1
2941 /	DEF AT local marker benthic foram increase	DEF IN 1
3034 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3096 /	DEF AT local marker foram decrease	DEF IN 1
3241 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3272 /	DEF AT local marker foram decrease	DEF IN 1
3974 /	DEF AT reworked material	DEF AT 2
3975 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4285 /	DEF AT sample gap top	POS AT 2
4554 /	DEF AT sample gap bottom	DEF AT 2
4555 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4615 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4675 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4795 /	DEF AT last sample examined	DEF AT 2

This report contains public paleo reports only for the time period stated

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 138	Date of Summary: 01-FEB-1960	First Sample Examined: 9000
Lease Number: 00585	Source of Paleo: OPERATOR	Borehole MD: 15233
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15233
API Well Number: 177110013800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 9000 - 15222	Water Depth: 50
Public Info Code: Y 30-AUG-1960	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF AT
9270 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12980 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
14410 /	DEF AT local marker foram increase	DEF AT
15190 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
15222 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

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Area Block: SS 149	Date of Summary: 16-MAR-1979	First Sample Examined: 2500
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7150
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6840
API Well Number: 177110058700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 55
Paleo Report Num: 1 of 2	Sample Range: 2500 - 7150	Water Depth: 55
Public Info Code: Y 23-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2500 / 2498	DEF AT first sample examined	DEF IN 2
3640 / 3589	DEF AT sample gap top	POS IN 2
3820 / 3756	DEF AT sample gap bottom	DEF IN 2
3850 / 3784	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4540 / 4424	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4900 / 4758	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5710 / 5514	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7150 / 6846	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

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Area Block: SS 149	Date of Summary: 16-MAR-1979	First Sample Examined: 7100
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 7150
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6840
API Well Number: 177110058700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 55
Paleo Report Num: 2 of 2	Sample Range: 7100 - 7820	Water Depth: 55
Public Info Code: Y 23-JUL-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 6801	DEF AT first sample examined	DEF AT 3
7101 / 6802	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7730 /	DEF AT - - - - -	DEF AT 4
7820 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

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Area Block: SS 149	Date of Summary: 15-SEP-1971	First Sample Examined: 5000
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 11951
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11951
API Well Number: 177114005500	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11951	Water Depth: 45
Public Info Code: Y 13-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 2
5560 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
8440 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
8890 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9790 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9890 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11150 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
11740 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
11890 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
11900 /	DEF AT anhydrite	DEF AT 5
11951 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

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Area Block: SS 149	Date of Summary: 27-MAR-1974	First Sample Examined: 10000
Lease Number: 00434	Source of Paleo: OPERATOR	Borehole MD: 12726
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10983
API Well Number: 177114016000	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 10000 - 12712	Water Depth: 45
Public Info Code: Y 28-MAR-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 8457	DEF AT first sample examined	DEF AT 3
10001 / 8458	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10975 / 9323	DEF AT sample gap top	POS AT 3
12467 /	DEF AT sample gap bottom	DEF AT 4
12712 /	DEF AT last sample examined	DEF AT 4

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Area Block: SS 149	Date of Summary: 22-OCT-1971	First Sample Examined: 8120
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 12944
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12672
API Well Number: 177114007000	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8120 - 12924	Water Depth: 52
Public Info Code: Y 22-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8120 / 8035	DEF AT first sample examined	DEF IN 2
8280 / 8180	DEF AT Cyclammina sp. (local marker)	DEF AT 3
8850 / 8700	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10700 / 10436	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10790 / 10524	DEF AT faunal change (no faunal increase)	DEF AT 4
12470 / 12196	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
12924 / 12650	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-1987

Area Block: SS 149	Date of Summary: 12-NOV-1971	First Sample Examined: 9300
Lease Number: 00453	Source of Paleo: OPERATOR	Borehole MD: 11872
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11513
API Well Number: 177114007001	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9300 - 11872	Water Depth: 52
Public Info Code: Y 07-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
9300 / 8961	DEF AT first sample examined	DEF AT
9600 / 9254	DEF AT sample gap top	DEF AT
10030 / 9680	DEF AT sample gap bottom	DEF AT
10450 / 10099	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11390 / 11038	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11872 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 151	Date of Summary: 22-FEB-1985	First Sample Examined: 0
Lease Number: G06740	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10996
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10996
API Well Number: 177114081800	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 02-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8970 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 156	Date of Summary: 29-JAN-1982	First Sample Examined: 4640
Lease Number: G04229	Source of Paleo: OPERATOR	Borehole MD: 12600
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12598
API Well Number: 177114054300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 50
Paleo Report Num: 1 of 2	Sample Range: 4640 - 12600	Water Depth: 50
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4640 /	DEF AT first sample examined	DEF IN 3
4641 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
10940 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
10970 /	DEF AT - - - - -	DEF AT 4
12600 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 156	Date of Summary: 28-JUL-1983	First Sample Examined: 4640
Lease Number: G04229	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12600
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12598
API Well Number: 177114054300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 50
Paleo Report Num: 2 of 2	Sample Range: 4640 - 12600	Water Depth: 50
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4640 /	DEF AT first sample examined	POS AT 2
4641 /	DEF AT poor sample interval top	POS AT 2
5060 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 2
5450 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 2
6019 /	DEF AT drilling material	DEF AT 2
6020 /	DEF AT pyrite	DEF AT 2
6380 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6440 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	POS AT 3
6950 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
8240 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
8930 /	DEF AT local marker benthic foram increase	DEF AT 3
10910 /	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11270 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11330 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11420 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
11600 /	POS AT Upper Miocene (Messinian) Textularia tatumi	POS AT 4
12440 /	DEF AT local marker benthic foram increase	DEF AT 4
12470 /	DEF AT Bathysiphon fauna	DEF AT 4
12599 /	DEF AT poor sample interval bottom	DEF AT 4
12600 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 157	Date of Summary: 17-AUG-1983	First Sample Examined: 4550
Lease Number: G04230	Source of Paleo: OPERATOR	Borehole MD: 11567
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11567
API Well Number: 177114058100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 4500 - 10710	Water Depth: 47
Public Info Code: Y 17-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT 2
4501 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5010 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6180 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10710 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 157	Date of Summary: 17-AUG-1983	First Sample Examined: 5010
Lease Number: G04230	Source of Paleo: OPERATOR	Borehole MD: 11567
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11567
API Well Number: 177114058100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 5010 - 11520	Water Depth: 47
Public Info Code: Y 17-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5010 /	DEF AT first sample examined	DEF AT 2
5100 /	DEF AT - - - - -	DEF AT 3
5220 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
10800 /	DEF AT - - - - -	DEF AT 4
10860 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11520 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 157	Date of Summary: 09-JAN-1985	First Sample Examined: 0
Lease Number: G04230	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12219
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11533
API Well Number: 177114081700	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 47
Public Info Code: Y 17-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7943	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9490 / 9238	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
10900 / 10444	DEF AT Cyclammina sp. (local marker)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 159	Date of Summary: 21-JUL-1967	First Sample Examined: 5000
Lease Number: 00817	Source of Paleo: OPERATOR	Borehole MD: 10450
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10450
API Well Number: 177110060200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10450	Water Depth: 46
Public Info Code: Y 06-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT
5800 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6920 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
10450 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 164	Date of Summary: 20-JAN-1984	First Sample Examined: 0
Lease Number: G05202	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17761
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14956
API Well Number: 177114071800	Drilling Operator: TEXACO INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 59
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 9360	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11450 / 11102	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 170	Date of Summary: 30-JUN-1978	First Sample Examined: 3600
Lease Number: G03584	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11415
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11415
API Well Number: 177114039600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3600 - 11440	Water Depth: 58
Public Info Code: Y 13-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 /	DEF AT first sample examined	DEF AT 2
4300 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5290 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5770 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6280 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
6310 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6370 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
8080 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8590 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10120 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10660 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11200 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11440 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 177	Date of Summary: 15-OCT-1970	First Sample Examined: 0
Lease Number: 00590	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10205
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10205
API Well Number: 177110034800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 96
Public Info Code: Y 13-AUG-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4930 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5680 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6736 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9520 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 178	Date of Summary: 24-NOV-1986	First Sample Examined: 2970
Lease Number: G05551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13125
Well Name: A002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11344
API Well Number: 177114080800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 2970 - 13125	Water Depth: 87
Public Info Code: Y 06-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
2970 / 2970	DEF AT first sample examined	DEF AT 2
2971 / 2971	DEF AT local marker benthic foram increase	DEF AT 2
3370 / 3370	DEF AT foram flood	DEF AT 2
3400 / 3400	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3490 / 3490	DEF AT local marker foram decrease	DEF IN 1
3580 / 3580	DEF AT shell fragments	DEF IN 1
3670 / 3670	DEF AT pyrite	DEF IN 1
4240 / 4240	DEF AT local marker benthic foram increase	DEF AT 2
4270 / 4270	DEF AT local marker foram decrease	DEF AT 1
4390 / 4390	DEF AT faunal change (no faunal increase)	DEF AT 2
4510 / 4510	DEF AT local marker benthic foram increase	DEF AT 3
4540 / 4540	DEF AT cement	POS AT 3
4660 / 4660	DEF AT local marker foram decrease	DEF AT 1
5140 / 5140	DEF AT faunal change (no faunal increase)	DEF AT 2
5260 / 5259	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
5290 / 5289	DEF AT local marker foram decrease	DEF AT 2
5620 / 5614	DEF AT oxidized shale	DEF AT 2
5680 / 5672	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
5810 / 5796	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 3
5870 / 5852	DEF AT faunal change (no faunal increase)	DEF AT 3
5900 / 5880	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6260 / 6205	DEF AT sample gap top	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 178	Date of Summary: 24-NOV-1986	First Sample Examined: 2970
Lease Number: G05551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13125
Well Name: A002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11344
API Well Number: 177114080800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 2970 - 13125	Water Depth: 87
Public Info Code: Y 06-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6769 / 6638	DEF AT sample gap bottom	DEF AT 3
6770 / 6639	POS AT local marker benthic foram increase	DEF AT 3
6950 / 6784	DEF AT sample gap top	POS AT 3
7129 / 6927	DEF AT sample gap bottom	DEF AT 3
7130 / 6928	DEF AT local marker benthic foram increase	DEF AT 3
7310 / 7069	DEF AT sample gap top	POS AT 3
7459 / 7184	DEF AT sample gap bottom	DEF AT 3
7460 / 7185	DEF AT drilling material	DEF AT 3
7490 / 7208	DEF AT sample gap top	POS AT 3
7689 / 7353	DEF AT sample gap bottom	DEF AT 3
7690 / 7353	DEF AT drilling material	DEF AT 3
7750 / 7396	DEF AT sample gap top	POS AT 3
7779 / 7417	DEF AT sample gap bottom	DEF AT 3
7780 / 7417	DEF AT drilling material	DEF AT 3
7960 / 7545	DEF AT limestone	DEF AT 2
8230 / 7736	DEF AT limestone	DEF IN 2
8350 / 7821	DEF AT local marker foram decrease	DEF IN 2
9160 / 8398	POS IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 2
9280 / 8485	POS AT Eggerella 3 (local marker)	DEF AT 3
9610 / 8726	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9670 / 8770	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
9789 / 8858	DEF AT pyrite	DEF AT 3
9790 / 8859	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10000 / 9014	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 178	Date of Summary: 24-NOV-1986	First Sample Examined: 2970
Lease Number: G05551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13125
Well Name: A002	Paleo Done By: ROBERT WITROCK	Borehole TVD: 11344
API Well Number: 177114080800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 2970 - 13125	Water Depth: 87
Public Info Code: Y 06-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10270 / 9213	DEF AT faunal change (no faunal increase)	DEF AT 4
10330 / 9257	DEF AT local marker benthic foram increase	DEF AT 4
10450 / 9345	DEF AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 4
10660 / 9499	DEF AT local marker benthic foram increase	DEF AT 4
10720 / 9542	POS AT Lower Pliocene (Zanclian) <i>Globigerina nepenthes</i>	DEF AT 4
10750 / 9564	DEF AT local marker foram decrease	DEF AT 4
11110 / 9827	POS AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 4
11140 / 9849	POS AT Lower Pliocene (Zanclian) <i>Siphotextularia jugosa</i> / "J"	DEF AT
11320 / 9983	DEF AT drilling material	DEF AT
11380 / 10028	DEF AT local marker benthic foram increase	DEF AT 4
11410 / 10051	POS AT Lower Pliocene (Zanclian) <i>Sigmoilina "P"</i> / cf. <i>schlumbergeri</i>	DEF AT 4
11590 / 10186	DEF AT local marker foram decrease	DEF AT 4
11740 / 10300	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11970 / 10476	DEF AT <i>Cyclammina</i> sp. (local marker)	DEF AT 4
12090 / 10567	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12449 / 10841	DEF AT pyrite	DEF AT 3
12450 / 10842	DEF AT oxidized shale	DEF AT 3
12480 / 10865	POS IN Upper Miocene (Messinian) <i>Globorotalia menardii</i> (coiling change right/left)	DEF AT 3
12510 / 10887	POS AT Upper Miocene (Messinian) <i>Textularia "X"</i>	DEF AT 4
12870 / 11158	DEF AT local marker foram decrease	DEF AT 3
13020 / 11267	DEF AT faunal change (no faunal increase)	DEF IN 3
13080 / 11311	POS AT Upper Miocene (Messinian) <i>Textularia tatumi</i>	DEF IN 3
13125 / 11344	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 183	Date of Summary: 22-JUL-1987	First Sample Examined: 5000
Lease Number: 00821	Source of Paleo: OPERATOR	Borehole MD: 12800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12800
API Well Number: 177110037900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12800	Water Depth: 62
Public Info Code: Y 29-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
5240 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6200 /	DEF AT - - - - -	DEF AT 3
6290 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7370 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7430 /	DEF AT - - - - -	DEF AT 4
7970 /	DEF AT - - - - -	DEF AT 3
8270 /	DEF AT - - - - -	DEF AT 2
9470 /	DEF AT - - - - -	DEF AT 3
9710 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11030 /	DEF AT - - - - -	DEF AT 4
11180 /	DEF AT - - - - -	DEF AT 3
11510 /	DEF AT - - - - -	DEF AT 4
11780 /	DEF AT - - - - -	DEF AT 3
12480 /	DEF AT - - - - -	DEF AT 4
12800 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 189	Date of Summary: 30-OCT-1978	First Sample Examined: 5000
Lease Number: G01516	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16997
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16997
API Well Number: 177110064800	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 5000 - 17000	Water Depth: 39
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
5450 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5960 /	DEF AT cement	POS AT 3
6330 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6540 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentis (acme "B")	DEF AT 3
7230 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
7530 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
7559 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7560 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
8400 /	DEF AT pyrite	DEF AT 3
9720 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10830 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 3
10890 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11280 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11730 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12120 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12420 /	DEF AT cement	POS AT 4
13320 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14309 /	DEF AT local marker benthic foram increase	DEF AT 4
14310 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14550 /	DEF AT local marker benthic foram increase	DEF AT 4
15180 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 189	Date of Summary: 30-OCT-1978	First Sample Examined: 5000
Lease Number: G01516	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16997
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16997
API Well Number: 177110064800	Drilling Operator: CONOCO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 5000 - 17000	Water Depth: 39
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 189	Date of Summary: 23-MAY-1983	First Sample Examined: 5700
Lease Number: G04232	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19111
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 19111
API Well Number: 177114062000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 4	Sample Range: 5700 - 16825	Water Depth: 79
Public Info Code: Y 24-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5700 /	DEF AT first sample examined	POS AT 2
5701 /	DEF AT poor sample interval top	POS AT 2
5702 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 2
6010 /	DEF AT local marker benthic foram increase	POS AT 2
6360 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7205 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	POS AT 2
7620 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
9900 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	POS AT 2
11130 /	DEF AT local marker benthic foram increase	DEF AT 2
11700 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	POS AT 2
11730 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11980 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
14890 /	POS AT Upper Miocene (Messinian) Textularia "X"	POS AT 2
16195 /	DEF AT Cyclammina sp. (local marker)	DEF AT 2
16824 /	DEF AT poor sample interval bottom	POS AT 2
16825 /	DEF AT last sample examined	POS AT 2

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 GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 189	Date of Summary: 23-MAY-1983	First Sample Examined: 16830
Lease Number: G04232	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19111
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 19111
API Well Number: 177114062000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 3 of 4	Sample Range: 16830 - 19110	Water Depth: 79
Public Info Code: Y 24-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16830 /	DEF AT first sample examined	POS AT 3
16831 /	DEF AT poor sample interval top	POS AT 3
17120 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
17870 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
18320 /	POS AT Upper Miocene (Tortonian) Textularia 6	POS AT 4
19079 /	DEF AT poor sample interval bottom	DEF AT 4
19110 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 192	Date of Summary: 24-MAR-1980	First Sample Examined: 710
Lease Number: G03586	Source of Paleo: OPERATOR	Borehole MD: 11961
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11961
API Well Number: 177114042500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 710 - 11960	Water Depth: 85
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
710 /	DEF AT first sample examined	DEF AT
2810 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6020 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6680 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
6740 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7610 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8690 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
8930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10220 /	DEF AT Eggerella 3 (local marker)	DEF AT
10309 /	POS IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
10310 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11210 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
11960 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 192	Date of Summary: 18-JAN-1982	First Sample Examined: 0
Lease Number: G03586	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13583
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12299
API Well Number: 177114057700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5330 / 5330	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7180 / 7007	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8640 / 8202	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9860 / 9219	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11570 / 10624	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12450 / 11357	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 198	Date of Summary: 30-AUG-1967	First Sample Examined: 9000
Lease Number: 00593	Source of Paleo: OPERATOR	Borehole MD: 12700
Well Name: G001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12700
API Well Number: 177110062000	Drilling Operator: CONOCO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 9000 - 12690	Water Depth: 104
Public Info Code: Y 31-AUG-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 / 8998	DEF AT first sample examined	DEF AT 1
9480 / 9478	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10260 / 10258	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
10860 / 10858	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
11000 / 10998	DEF AT - - - - -	DEF AT 1
11640 / 11638	DEF AT Cyclammina sp. (local marker)	DEF AT 2
12630 / 12628	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12690 / 12688	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 198	Date of Summary: 20-MAY-1986	First Sample Examined: 0
Lease Number: 00593	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12129
Well Name: G005	Paleo Done By: OPERATOR	Borehole TVD: 11806
API Well Number: 177110082700	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 106
Public Info Code: Y 28-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9245 / 8925	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10980 / 10657	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 199	Date of Summary: 25-MAR-1959	First Sample Examined: 5230
Lease Number: G12358	Source of Paleo: OPERATOR	Borehole MD: 12914
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12914
API Well Number: 177110035000	Drilling Operator: CONOCO INC	Rkb Elevation: 67
Paleo Report Num: 1 of 3	Sample Range: 5230 - 12840	Water Depth: 102
Public Info Code: Y 17-JAN-1969	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
5230 / 5230	DEF AT first sample examined	DEF AT 1
5812 / 5812	DEF AT local marker benthic foram increase	DEF AT 1
5842 / 5842	DEF AT sample gap top	DEF AT 1
6022 / 6022	DEF AT sample gap bottom	DEF AT 1
6752 / 6752	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7022 / 7022	DEF AT - - - - -	DEF AT 1
9184 / 9184	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10220 / 10219	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10520 / 10519	DEF AT - - - - -	DEF AT 1
10910 / 10909	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
11030 /	DEF AT - - - - -	DEF AT 1
11640 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
11940 /	DEF AT local marker (general)	DEF AT 2
12150 /	DEF AT Eggerella 3 (local marker)	DEF AT 2
12720 /	DEF AT local marker foram increase	DEF AT 3
12840 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 200	Date of Summary: 01-AUG-1972	First Sample Examined: 0
Lease Number: G01518	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11599
API Well Number: 177114015300	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 130
Public Info Code: Y 05-OCT-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5790 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7150 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7360 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9400 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10630 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
10900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 201	Date of Summary: 10-JUN-1970	First Sample Examined: 10010
Lease Number: G01519	Source of Paleo: OPERATOR	Borehole MD: 12522
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12522
API Well Number: 177112008200	Drilling Operator: CONOCO INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 10010 - 12500	Water Depth: 97
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10010 /	DEF AT first sample examined	DEF AT 1
10011 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
10460 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 2
10820 /	DEF AT - - - - -	DEF AT 1
11270 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
11750 /	DEF AT sandstone	DEF AT 2
12050 /	DEF AT Cyclamina sp. (local marker)	DEF AT 2
12350 /	DEF AT - - - - -	DEF AT 3
12500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 201	Date of Summary: 15-OCT-1972	First Sample Examined: 5000
Lease Number: G01519	Source of Paleo: OPERATOR	Borehole MD: 12181
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12180
API Well Number: 177114014100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11800	Water Depth: 117
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT
5540 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9300 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11770 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11800 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 02-JAN-1979	First Sample Examined: 9317
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 10629
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10443
API Well Number: 177110077100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 9317 - 10629	Water Depth: 100
Public Info Code: Y 22-OCT-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9317 / 9132	DEF AT first sample examined	DEF IN 3
9400 / 9215	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10629 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 30-MAR-1970	First Sample Examined: 9260
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 9853
Well Name: A017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8828
API Well Number: 177112006900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 9260 - 9853	Water Depth: 100
Public Info Code: Y 28-APR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9260 / 8233	DEF AT first sample examined	DEF IN 3
9770 / 8742	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
9800 / 8772	DEF AT gouge	DEF AT 6
9801 / 8773	DEF AT anhydrite	DEF AT 6
9853 / 8825	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 20-APR-1970	First Sample Examined: 9370
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 10019
Well Name: A018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9831
API Well Number: 177112008300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9370 - 10017	Water Depth: 105
Public Info Code: Y 15-MAY-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9370 / 9181	DEF AT first sample examined	DEF AT
9675 / 9486	DEF AT Cyclammina cancellata (local marker)	DEF AT
9890 / 9701	POS AT gouge	DEF AT 6
10017 / 9828	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 11-MAY-1970	First Sample Examined: 8920
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 9723
Well Name: A019	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9251
API Well Number: 177112008800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 8920 - 9723	Water Depth: 100
Public Info Code: Y 09-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8920 / 8540	DEF AT first sample examined	DEF IN 3
9280 / 8899	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
9700 / 9319	DEF AT gouge	DEF AT 6
9723 / 9342	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 10-JUL-1970	First Sample Examined: 9090
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 10864
Well Name: A020	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10697
API Well Number: 177112012600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9090 - 10865	Water Depth: 100
Public Info Code: Y 07-JUL-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9090 / 8922	DEF AT first sample examined	DEF IN 3
9600 / 9432	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10370 / 10201	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10865 / 10696	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 17-AUG-1970	First Sample Examined: 9530
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 11367
Well Name: A021	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9909
API Well Number: 177112014200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9530 - 11367	Water Depth: 100
Public Info Code: Y 14-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9530 / 8082	DEF AT first sample examined	DEF AT
10460 / 9006	DEF AT Cyclammina cancellata (local marker)	DEF AT
11357 / 9899	DEF AT gouge	DEF AT 6
11367 / 9909	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 02-OCT-1970	First Sample Examined: 9200
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 10634
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10528
API Well Number: 177112014600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9200 - 10632	Water Depth: 100
Public Info Code: Y 31-OCT-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 / 9095	DEF AT first sample examined	DEF AT
9410 / 9305	DEF AT Cyclammina cancellata (local marker)	DEF AT
10100 / 9995	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10400 / 10295	DEF AT - - - - -	DEF AT 5
10580 / 10475	DEF AT gouge	DEF AT 6
10632 / 10526	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 30-OCT-1970	First Sample Examined: 9510
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 10783
Well Name: A023	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9993
API Well Number: 177112016800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9510 - 10783	Water Depth: 100
Public Info Code: Y 29-NOV-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 8812	DEF AT first sample examined	DEF AT
10110 / 9412	DEF AT Cyclammina cancellata (local marker)	DEF AT
10770 /	DEF AT gouge	DEF AT 6
10783 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 30-NOV-1970	First Sample Examined: 8650
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 9517
Well Name: A024	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8965
API Well Number: 177112017700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 8650 - 9517	Water Depth: 105
Public Info Code: Y 25-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8650 / 8099	DEF AT first sample examined	DEF AT
9400 / 8848	DEF AT Cyclammina cancellata (local marker)	DEF AT
9401 / 8849	DEF AT gouge	DEF AT 6
9517 / 8965	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 05-JAN-1971	First Sample Examined: 9700
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 10708
Well Name: A025	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10347
API Well Number: 177114002800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9700 - 10720	Water Depth: 100
Public Info Code: Y 29-JAN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9434	DEF AT first sample examined	DEF IN 3
9970 / 9704	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10269 / 10003	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
10270 / 10004	DEF AT gouge	DEF AT 6
10720 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 10-FEB-1971	First Sample Examined: 8430
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 9485
Well Name: A026	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8887
API Well Number: 177114000700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 8430 - 9485	Water Depth: 100
Public Info Code: Y 05-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8430 / 7915	DEF AT first sample examined	DEF AT
9433 / 8918	POS AT Cyclammina cancellata (local marker)	DEF AT
9485 / 8970	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 13-AUG-1971	First Sample Examined: 10370
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 11300
Well Name: A027	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11140
API Well Number: 177114006100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10370 - 11300	Water Depth: 100
Public Info Code: Y 12-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10370 / 10210	DEF AT first sample examined	DEF IN 3
10700 / 10540	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
11030 / 10870	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11300 / 11140	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 20-FEB-1986	First Sample Examined: 8000
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 9996
Well Name: A028	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9912
API Well Number: 177110071001	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8000 - 10610	Water Depth: 105
Public Info Code: Y 05-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 7994	DEF AT first sample examined	DEF IN 3
8780 / 8749	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10250 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10610 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 15-NOV-1977	First Sample Examined: 8090
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12945
Well Name: A031	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12283
API Well Number: 177110084201	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8090 - 12510	Water Depth: 105
Public Info Code: Y 04-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8090 / 7661	DEF AT first sample examined	DEF IN 3
10050 / 9509	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11910 / 11267	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12510 / 11837	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 20-APR-1970	First Sample Examined: 11180
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12168
Well Name: B003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11451
API Well Number: 177112007000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 11180 - 12168	Water Depth: 105
Public Info Code: Y 18-MAY-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 29-JUN-1970	First Sample Examined: 9500
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13773
Well Name: B004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13082
API Well Number: 177112008900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 9500 - 13773	Water Depth: 105
Public Info Code: Y 24-JUL-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 8902	DEF AT first sample examined	DEF IN 3
10190 / 9588	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12860 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13160 /	DEF AT - - - - -	DEF AT 5
13773 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 17-AUG-1970	First Sample Examined: 9890
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12658
Well Name: B005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12179
API Well Number: 177112013400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 9890 - 12650	Water Depth: 105
Public Info Code: Y 13-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9890 / 9414	DEF AT first sample examined	DEF IN 3
9980 / 9503	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11480 / 10998	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11600 /	DEF AT - - - - -	DEF AT 5
12650 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 02-OCT-1970	First Sample Examined: 9920
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13256
Well Name: B006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12482
API Well Number: 177112014800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 9920 - 13260	Water Depth: 105
Public Info Code: Y 30-OCT-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9920 / 9156	DEF AT first sample examined	DEF AT
10370 / 9591	DEF AT Cyclammina cancellata (local marker)	DEF AT
12350 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13260 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 12-NOV-1970	First Sample Examined: 10710
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13225
Well Name: B007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11959
API Well Number: 177112015700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 10710 - 13225	Water Depth: 105
Public Info Code: Y 08-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10710 / 9433	DEF AT first sample examined	DEF IN 3
11700 / 10422	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12270 / 10992	DEF AT - - - - -	DEF AT 5
13225 / 11946	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 27-JAN-1971	First Sample Examined: 9490
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12259
Well Name: B009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11573
API Well Number: 177114000600	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 9490 - 12260	Water Depth: 105
Public Info Code: Y 18-FEB-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9490 / 8913	DEF AT first sample examined	DEF IN 3
10150 / 9551	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11830 / 11222	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12260 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 09-FEB-1971	First Sample Examined: 11310
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12125
Well Name: B010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11779
API Well Number: 177114001700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 11310 - 12120	Water Depth: 105
Public Info Code: Y 05-MAR-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11310 / 11048	DEF AT first sample examined	DEF IN 3
11700 / 11438	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12120 / 11858	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 27-FEB-1971	First Sample Examined: 11810
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12840
Well Name: B011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12433
API Well Number: 177114001900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 11810 - 12830	Water Depth: 105
Public Info Code: Y 28-MAR-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11810 / 11492	DEF AT first sample examined	DEF IN 3
12380 / 12062	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12680 / 12362	DEF AT - - - - -	DEF AT 5
12830 / 12512	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 17-APR-1971	First Sample Examined: 11840
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13326
Well Name: B012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12274
API Well Number: 177114002500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 11840 - 13270	Water Depth: 105
Public Info Code: Y 08-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11840 / 10792	DEF AT first sample examined	POS AT 4
12580 / 11529	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12610 / 11559	DEF AT - - - - -	DEF AT 5
13270 / 12218	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 17-JUN-1971	First Sample Examined: 10010
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 14170
Well Name: B013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12638
API Well Number: 177114003900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 10010 - 14160	Water Depth: 105
Public Info Code: Y 10-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 8818	DEF AT first sample examined	DEF AT
10980 / 9704	DEF AT Cyclammina cancellata (local marker)	DEF AT
13380 / 12100	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14160 / 12880	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 14-JUL-1971	First Sample Examined: 12420
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13537
Well Name: B014	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12607
API Well Number: 177114005000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 12420 - 13530	Water Depth: 105
Public Info Code: Y 08-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12420 / 11633	DEF AT first sample examined	DEF IN 3
12900 / 12113	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13080 / 12293	DEF AT - - - - -	DEF AT 5
13530 / 12743	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 02-AUG-1971	First Sample Examined: 12000
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13900
Well Name: B015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12792
API Well Number: 177114005001	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 12000 - 13890	Water Depth: 105
Public Info Code: Y 22-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 / 11100	DEF AT first sample examined	DEF IN 3
13350 / 12396	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13890 / 12932	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 19-AUG-1971	First Sample Examined: 11600
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 12328
Well Name: B016	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10520
API Well Number: 177114006300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 11600 - 13328	Water Depth: 105
Public Info Code: Y 08-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11600 / 10999	DEF AT first sample examined	DEF IN 3
12110 / 11508	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13328 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 204	Date of Summary: 04-OCT-1971	First Sample Examined: 12230
Lease Number: G01520	Source of Paleo: OPERATOR	Borehole MD: 13341
Well Name: B017	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13057
API Well Number: 177114006500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 12230 - 13341	Water Depth: 105
Public Info Code: Y 02-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12230 / 12035	DEF AT first sample examined	DEF IN 3
12410 / 12215	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12470 / 12275	DEF AT - - - - -	DEF AT 5
13341 / 13146	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 23-JUN-1994	First Sample Examined: 0
Lease Number: G01523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12334
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 11694
API Well Number: 177112002500	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 10-SEP-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9270 / 8677	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11800 / 11169	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 03-APR-1972	First Sample Examined: 11240
Lease Number: G01523	Source of Paleo: OPERATOR	Borehole MD: 12178
Well Name: A022	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11630
API Well Number: 177114011300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 11240 - 12178	Water Depth: 100
Public Info Code: Y 29-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11240 / 10693	DEF AT first sample examined	DEF IN 3
11540 / 10992	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12178 / 11630	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 29-JUL-1976	First Sample Examined: 11000
Lease Number: G01523	Source of Paleo: OPERATOR	Borehole MD: 12145
Well Name: A026	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11574
API Well Number: 177112001101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 11000 - 11870	Water Depth: 105
Public Info Code: Y 28-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 / 10522	DEF AT first sample examined	DEF AT 4
11180 / 10687	DEF AT local marker (general)	DEF AT 4
11450 / 10935	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11870 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 29-JUL-1976	First Sample Examined: 11220
Lease Number: G01523	Source of Paleo: OPERATOR	Borehole MD: 12145
Well Name: A026	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11574
API Well Number: 177112001101	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 11220 - 11600	Water Depth: 105
Public Info Code: Y 28-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11220 / 10724	DEF AT first sample examined	DEF AT 4
11221 / 10725	DEF IN local marker (general)	DEF AT 4
11370 / 10861	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11600 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 26-AUG-1976	First Sample Examined: 11680
Lease Number: G01523	Source of Paleo: OPERATOR	Borehole MD: 12619
Well Name: A027	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12087
API Well Number: 177110079401	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11680 - 12070	Water Depth: 105
Public Info Code: Y 03-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11680 / 11150	DEF AT first sample examined	DEF AT
11950 / 11420	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12070 / 11540	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 09-SEP-1995	First Sample Examined: 0
Lease Number: G01523	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12409
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 11747
API Well Number: 177110075200	Drilling Operator: NORCEN EXPLORER INC	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 14-SEP-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3690 / 3547	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7911 / 7334	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 207	Date of Summary: 14-JUN-1976	First Sample Examined: 9860
Lease Number: G01523	Source of Paleo: OPERATOR	Borehole MD: 12215
Well Name: D008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11677
API Well Number: 177114032300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 9860 - 12120	Water Depth: 117
Public Info Code: Y 09-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9860 / 9465	DEF AT first sample examined	DEF AT
10430 / 10006	DEF AT Cyclammina cancellata (local marker)	DEF AT
11380 / 10898	DEF AT local marker (general)	DEF AT
11530 / 11037	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12120 / 11580	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 209	Date of Summary: 29-FEB-2000	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14670
Well Name: G001	Paleo Done By: OPERATOR	Borehole TVD: 14670
API Well Number: 177110065700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 100
Public Info Code: Y 01-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4700 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8258 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
12630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 209	Date of Summary: 15-FEB-1973	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: OPERATOR	Borehole MD: 9990
Well Name: J004	Paleo Done By: OPERATOR	Borehole TVD: 9757
API Well Number: 177114012600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 94
Public Info Code: Y 24-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4185 / 4185	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4780 / 4777	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8718 / 8526	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9818 / 9585	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 209	Date of Summary: 13-JUN-1988	First Sample Examined: 0
Lease Number: 00827	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10366
Well Name: K004	Paleo Done By: OPERATOR	Borehole TVD: 9959
API Well Number: 177114022900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 99
Public Info Code: Y 02-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3869	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4472 / 4470	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8022 / 7825	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 214	Date of Summary: 28-OCT-1969	First Sample Examined: 11000
Lease Number: 00828	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18884
Well Name: 006	Paleo Done By: LEE LATTA	Borehole TVD: 18852
API Well Number: 177110081500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 123
Paleo Report Num: 2 of 2	Sample Range: 11000 - 18880	Water Depth: 107
Public Info Code: Y 19-MAR-1971	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
11000 / 11000	DEF AT first sample examined	DEF AT 3
12270 / 12269	DEF AT Eggerella sp. (local marker)	DEF AT 4
12300 / 12299	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12510 / 12509	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12860 / 12858	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14170 / 14166	DEF AT Eggerella sp. (local marker)	DEF AT 5
14590 / 14585	DEF AT Arenaceous fauna (local marker)	DEF IN 5
15680 / 15672	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 5
16270 / 16258	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 5
16470 / 16457	DEF AT Arenaceous fauna (local marker)	DEF IN 5
16500 / 16487	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 5
17580 / 17554	DEF AT Eggerella sp. (local marker)	DEF IN 5
18260 / 18231	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 5
18880 / 18848	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 214	Date of Summary: 11-FEB-1971	First Sample Examined: 0
Lease Number: 00828	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15564
Well Name: I001	Paleo Done By: OPERATOR	Borehole TVD: 15549
API Well Number: 177112016000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 05-FEB-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11690 / 11678	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12750 / 12737	DEF AT Eggerella sp. (local marker)	DEF AT
14550 / 14535	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 215	Date of Summary: 09-DEC-1972	First Sample Examined: 4925
Lease Number: G01230	Source of Paleo: OPERATOR	Borehole MD: 11200
Well Name: I001	Paleo Done By: OPERATOR	Borehole TVD: 10615
API Well Number: 177112013500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 4925 - 11200	Water Depth: 112
Public Info Code: Y 24-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4925 / 4651	DEF AT first sample examined	DEF AT
4926 / 4652	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8350 / 7783	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
11200 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 215	Date of Summary: 19-MAR-1971	First Sample Examined: 0
Lease Number: G01230	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12902
Well Name: I007	Paleo Done By: OPERATOR	Borehole TVD: 12705
API Well Number: 177114001100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 112
Public Info Code: Y 18-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4160 / 4160	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4762 / 4760	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8588 / 8454	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
12130 / 11936	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 17-AUG-1970	First Sample Examined: 10790
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 13041
Well Name: C003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12773
API Well Number: 177112014500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10790 - 13041	Water Depth: 105
Public Info Code: Y 14-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10790 / 10535	DEF AT first sample examined	DEF IN 3
11420 / 11159	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12580 / 12314	DEF AT local marker (general)	DEF AT 4
12670 / 12404	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12940 / 12673	DEF AT - - - - -	DEF AT 5
13041 / 12773	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 23-OCT-1970	First Sample Examined: 11360
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 12772
Well Name: C004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12061
API Well Number: 177112014900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11360 - 12772	Water Depth: 105
Public Info Code: Y 14-NOV-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11360 / 10649	DEF AT first sample examined	DEF IN 3
11660 / 10949	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12731 / 12020	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12772 / 12061	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 09-DEC-1970	First Sample Examined: 10370
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 13895
Well Name: C005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13306
API Well Number: 177112017400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10370 - 13904	Water Depth: 105
Public Info Code: Y 04-JAN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10370 / 9821	DEF AT first sample examined	DEF IN 3
11720 / 11157	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12800 / 12236	DEF AT - - - - -	DEF AT 4
12860 / 12296	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13344 / 12780	DEF AT - - - - -	DEF AT 5
13904 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 17-APR-1971	First Sample Examined: 10700
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 13200
Well Name: C008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13143
API Well Number: 177114003000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10700 - 13200	Water Depth: 110
Public Info Code: Y 16-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	DEF	AT	Ecozone
10700 / 10643	DEF AT first sample examined	DEF	AT	
10970 / 10913	DEF AT Cyclammina cancellata (local marker)	DEF	AT	
12090 / 12033	DEF AT local marker (general)	DEF	AT	4
12720 / 12663	DEF AT - - - - -	DEF	AT	5
13200 / 13143	DEF AT last sample examined	DEF	AT	5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 26-MAY-1971	First Sample Examined: 11000
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 13400
Well Name: C009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13184
API Well Number: 177114003800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11000 - 13400	Water Depth: 110
Public Info Code: Y 23-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 / 10784	DEF AT first sample examined	DEF IN 3
11120 / 10904	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12620 / 12404	DEF AT local marker (general)	DEF AT 4
12770 / 12554	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13160 / 12944	DEF AT - - - - -	DEF AT 5
13400 / 13184	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 20-JUL-1971	First Sample Examined: 11780
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 13230
Well Name: C010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12166
API Well Number: 177114004900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11780 - 12890	Water Depth: 110
Public Info Code: Y 10-AUG-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11780 / 10720	DEF AT first sample examined	DEF IN 3
12290 / 11227	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12890 / 11826	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 30-SEP-1971	First Sample Examined: 11880
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 12999
Well Name: C012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12095
API Well Number: 177114006700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11880 - 13000	Water Depth: 105
Public Info Code: Y 20-OCT-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11880 / 10977	DEF AT first sample examined	DEF AT
11881 / 10978	DEF IN Cyclammina cancellata (local marker)	DEF AT
12520 / 11617	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 27-OCT-1971	First Sample Examined: 12280
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 14007
Well Name: C013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12786
API Well Number: 177114007700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 12280 - 14000	Water Depth: 110
Public Info Code: Y 22-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12280 / 11140	DEF AT first sample examined	DEF IN 3
12370 / 11230	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
13780 / 12639	DEF AT local marker (general)	DEF AT 4
13960 / 12819	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14000 / 12859	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 13-DEC-1971	First Sample Examined: 11160
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 12110
Well Name: C015	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11630
API Well Number: 177114009000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11160 - 12100	Water Depth: 105
Public Info Code: Y 31-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11160 / 10682	DEF AT first sample examined	DEF IN 3
11400 / 10921	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
12100 / 11621	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 216	Date of Summary: 15-SEP-1975	First Sample Examined: 10540
Lease Number: G01524	Source of Paleo: OPERATOR	Borehole MD: 13540
Well Name: C018	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13376
API Well Number: 177114028500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10540 - 12797	Water Depth: 100
Public Info Code: Y 07-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10540 / 10497	DEF AT first sample examined	DEF IN 3
10990 / 10929	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
11908 / 11805	DEF AT - - - -	DEF AT 4
12200 / 12085	DEF AT local marker (general)	DEF AT 4
12495 / 12368	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12797 / 12659	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 219	Date of Summary: 22-JUL-1987	First Sample Examined: 760
Lease Number: 00829	Source of Paleo: OPERATOR	Borehole MD: 12018
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12018
API Well Number: 177110040000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 74
Paleo Report Num: 3 of 3	Sample Range: 760 - 12010	Water Depth: 114
Public Info Code: Y 19-JUL-1974	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
760 /	DEF AT first sample examined	DEF AT 2
1180 /	DEF AT -----	DEF AT 3
1420 /	DEF AT -----	DEF AT 2
2590 /	DEF AT -----	DEF AT 3
3670 /	DEF AT -----	DEF AT 2
4090 /	DEF AT sample gap top	POS AT 2
4869 /	DEF AT sample gap bottom	DEF AT 2
4870 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
5020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6130 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6580 /	DEF AT -----	DEF AT 3
6910 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7690 /	DEF AT -----	DEF AT 2
9940 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10410 /	DEF AT -----	DEF AT 3
10710 /	DEF AT -----	DEF AT 2
11190 /	DEF AT -----	DEF AT 4
11250 /	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 4
12010 /	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 219	Date of Summary: 28-JAN-1986	First Sample Examined: 5040
Lease Number: 00829	Source of Paleo: OPERATOR	Borehole MD: 8740
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8062
API Well Number: 177112012900	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 4540 - 8770	Water Depth: 113
Public Info Code: Y 21-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo from phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5040 / 4568	DEF AT first sample examined	DEF AT
5715 / 5153	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7155 / 6491	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8770 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 222	Date of Summary: 17-NOV-1970	First Sample Examined: 11000
Lease Number: G01525	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16583
Well Name: A006	Paleo Done By: LEE LATTA	Borehole TVD: 16033
API Well Number: 177112009800	Drilling Operator: SOUTHERN NATURAL GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 11000 - 16580	Water Depth: 137
Public Info Code: Y 01-DEC-1971	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
11000 / 10659	DEF AT first sample examined	DEF AT 4
11001 / 10660	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
11180 / 10832	DEF AT local marker foram decrease	DEF AT 4
11240 / 10890	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11270 / 10919	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11300 / 10948	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11780 / 11405	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
11870 / 11491	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11900 / 11519	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
12080 / 11691	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
12470 / 12063	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13010 / 12579	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13100 / 12665	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
13130 / 12694	POS IN Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
13430 / 12981	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13970 / 13499	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
14210 / 13729	DEF AT Eggerella sp. (local marker)	DEF AT 5
14240 / 13758	DEF AT local marker foram decrease	DEF AT 5
14630 / 14135	DEF AT Bathysiphon fauna	DEF AT 5
15470 / 14951	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
16160 / 15620	DEF AT local marker deep water fauna	DEF AT 6
16580 / 16029	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 27-DEC-1977	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12829
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 11628
API Well Number: 177114028800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 03-SEP-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6123	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10400 / 9473	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11880 / 10765	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 04-AUG-1970	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13050
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 11656
API Well Number: 177114030100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 23-JAN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6690 / 6091	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8440 / 7685	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9320 / 8488	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10300 / 9361	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12370 / 11117	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 30-NOV-1978	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13599
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 12539
API Well Number: 177114033000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 24-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6337	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8160 / 7671	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10380 / 9644	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11880 / 10963	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 18-DEC-1978	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12336
Well Name: B011	Paleo Done By: OPERATOR	Borehole TVD: 11631
API Well Number: 177114034100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 16-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 6222	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8130 / 7784	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9120 / 8710	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9770 / 9321	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11360 / 10820	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 26-OCT-1978	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14684
Well Name: B014	Paleo Done By: OPERATOR	Borehole TVD: 12515
API Well Number: 177114036500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 28-JUL-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7150 / 6312	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8860 / 7795	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10850 / 9422	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
13370 / 11487	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 13-DEC-1973	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11634
API Well Number: 177114024000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 11-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 7200	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8720 / 8654	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9575 / 9381	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11280 / 10786	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 26-AUG-1977	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12010
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 12010
API Well Number: 177114037800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 22-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5848 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6904 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
8490 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9034 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10712 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 10-JUN-1977	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12295
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 12295
API Well Number: 177112008500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 13-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6190 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8790 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9390 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10845 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 26-APR-1976	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12014
Well Name: B002	Paleo Done By: OPERATOR	Borehole TVD: 11808
API Well Number: 177114028200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 46
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 18-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6240 / 6120	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8740 / 8554	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9450 / 9256	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 07-JAN-1996	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12652
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 11976
API Well Number: 177114029000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 07-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6470 / 6054	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7870 / 7292	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9895 / 9221	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11870 / 11190	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 23-DEC-1976	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13282
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 11831
API Well Number: 177114032000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 21-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6900 / 5958	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7900 / 6769	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10180 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10870 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 03-DEC-1977	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12924
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 12386
API Well Number: 177114030500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 20-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9210 / 8680	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9780 / 9247	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11670 / 11136	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 09-DEC-1976	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12327
Well Name: B010	Paleo Done By: OPERATOR	Borehole TVD: 11726
API Well Number: 177114033200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 04-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 / 7225	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9100 / 8565	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9910 / 9359	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 27-DEC-1977	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11700
Well Name: B012	Paleo Done By: OPERATOR	Borehole TVD: 11448
API Well Number: 177114034600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 23-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6150 / 6077	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7530 / 7399	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9600 / 9346	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11370 / 11113	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 04-APR-1977	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13152
Well Name: B013	Paleo Done By: OPERATOR	Borehole TVD: 11155
API Well Number: 177114035100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 03-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6570 / 6202	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8010 / 7355	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10140 / 9138	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12770 / 11219	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 26-SEP-1978	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11572
Well Name: B015	Paleo Done By: OPERATOR	Borehole TVD: 11337
API Well Number: 177114038100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 02-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8940 / 8732	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9710 / 9476	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11200 / 10965	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 223	Date of Summary: 02-SEP-1977	First Sample Examined: 6000
Lease Number: G01526	Source of Paleo: OPERATOR	Borehole MD: 13950
Well Name: B016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12436
API Well Number: 177114037700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13910	Water Depth: 144
Public Info Code: Y 07-SEP-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5219	DEF AT first sample examined	DEF AT 2
7020 / 5988	DEF AT faunal change (no faunal increase)	DEF AT 3
7110 / 6055	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8730 / 7319	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
9240 / 7777	DEF AT faunal change (no faunal increase)	DEF AT 3
9990 / 8497	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT 3
10920 / 9421	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11300 / 9801	DEF AT cement	POS AT 3
11780 / 10281	DEF AT faunal change (no faunal increase)	DEF AT 3
12320 / 10821	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12440 / 10941	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12650 / 11151	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
12920 / 11421	DEF AT poor sample interval top	DEF AT 4
13909 / 12410	DEF AT poor sample interval bottom	DEF AT 4
13910 / 12411	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 23-DEC-1976	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12206
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12206
API Well Number: 177110050800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 21-APR-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 01-MAY-1970	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12484
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12070
API Well Number: 177112004100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 05-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 / 6255	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7870 / 7684	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9130 / 8892	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10620 / 10324	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12390 / 11987	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 31-OCT-1975	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13164
Well Name: 012	Paleo Done By: OPERATOR	Borehole TVD: 12935
API Well Number: 177114025200	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 155
Public Info Code: Y 06-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6280 / 6116	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7833 / 7629	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9336 / 9108	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11195 / 10966	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 10-MAY-1973	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12438
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12438
API Well Number: 177112016700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 01-MAY-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8840 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9600 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11400 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 18-JUL-1972	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11713
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10525
API Well Number: 177114013600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 25-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6700 / 6441	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7870 / 7413	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9670 / 8840	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10700 / 9696	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11380 / 10257	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 02-JUL-1973	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12888
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 12388
API Well Number: 177114011600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 30-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6500 / 6325	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7460 / 7232	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9080 / 8766	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9770 / 9407	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11900 / 11436	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 19-JUN-1973	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10171
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 8900
API Well Number: 177114016700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 04-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7070 / 6257	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8660 / 7632	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9950 / 8722	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 06-MAY-1973	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11960
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 11108
API Well Number: 177114017900	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 48
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 19-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6670 / 6399	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9460 / 8865	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10240 / 9580	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 26-JUL-1973	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12822
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 12499
API Well Number: 177114019700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 14-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5994	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7200 / 7191	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8910 / 8860	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9800 / 9715	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11670 / 11415	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 10-SEP-1973	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8989
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 8410
API Well Number: 177114022400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 09-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 5938	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7710 / 7236	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 25-SEP-1970	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13584
Well Name: PP002	Paleo Done By: OPERATOR	Borehole TVD: 13584
API Well Number: 177110060800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 43
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 157
Public Info Code: Y 23-MAY-1977	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6170 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7655 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10355 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12965 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 24-JUL-1970	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11700
Well Name: PP007	Paleo Done By: OPERATOR	Borehole TVD: 11522
API Well Number: 177112012500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 157
Public Info Code: Y 27-JUL-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7780 / 7611	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8960 / 8782	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
10520 / 10342	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 24-AUG-1972	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13300
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 12643
API Well Number: 177114008400	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 147
Public Info Code: Y 06-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6500 / 6155	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7730 / 7301	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10020 / 9462	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11750 / 11122	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
12230 / 11588	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: SS 224	Date of Summary: 18-APR-1973	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11099
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 9792
API Well Number: 177114015700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 15-APR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8300 / 7237	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9940 / 8713	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10850 / 9558	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 16-JAN-1973	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12876
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 12525
API Well Number: 177114017800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 08-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7180 / 7146	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8920 / 8849	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9520 / 9417	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11835 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 224	Date of Summary: 28-MAR-1973	First Sample Examined: 0
Lease Number: G01526	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9850
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9704
API Well Number: 177114020000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 144
Public Info Code: Y 05-APR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7430 / 7296	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9720 / 9573	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 225	Date of Summary: 11-FEB-1971	First Sample Examined: 11000
Lease Number: G01984	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13100
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13100
API Well Number: 177112014700	Drilling Operator: SOUTHERN NATURAL GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 11000 - 13110	Water Depth: 146
Public Info Code: Y 14-JAN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11000 /	DEF AT first sample examined	DEF AT 3
11001 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11120 /	DEF AT Eggerella sp. (local marker)	DEF IN 3
11150 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
11180 /	DEF AT local marker deep water fauna	DEF AT 4
11300 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11420 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
11720 /	DEF AT pyrite	DEF AT 4
11780 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
11820 /	DEF AT Arenaceous fauna (local marker)	DEF IN 4
12540 /	POS IN Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 4
12840 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
12870 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13110 /	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 225	Date of Summary: 28-OCT-1975	First Sample Examined: 3570
Lease Number: G03167	Source of Paleo: OPERATOR	Borehole MD: 12673
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12646
API Well Number: 177114086700	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 3570 - 12673	Water Depth: 154
Public Info Code: Y 21-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3570 / 3570	DEF AT first sample examined	DEF AT 3
3571 / 3571	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5310 / 5310	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6030 / 6030	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6180 / 6180	DEF AT - - - - -	DEF AT 4
9540 / 9539	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10950 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12673 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 228	Date of Summary: 12-SEP-1975	First Sample Examined: 5100
Lease Number: G01024	Source of Paleo: OPERATOR	Borehole MD: 8780
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8780
API Well Number: 177110040200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 5100 - 8770	Water Depth: 125
Public Info Code: Y 30-APR-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 /	DEF AT first sample examined	DEF AT
5910 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8530 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8770 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 233	Date of Summary: 05-SEP-1975	First Sample Examined: 10010
Lease Number: G01528	Source of Paleo: OPERATOR	Borehole MD: 14706
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14706
API Well Number: 177114028700	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 10010 - 14706	Water Depth: 127
Public Info Code: Y 02-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10010 / 10010	DEF AT first sample examined	DEF IN 3
10160 / 10160	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10819 / 10819	POS AT reworked material	DEF AT 4
10820 / 10820	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
11090 / 11089	DEF AT local marker benthic foram increase	DEF AT 3
12270 / 12269	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12300 / 12299	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
13260 / 13256	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14390 / 14380	DEF AT Eggerella 3 (local marker)	DEF AT 5
14690 / 14679	DEF AT local marker deep water fauna	DEF AT 5
14706 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 241	Date of Summary: 18-APR-1969	First Sample Examined: 7510
Lease Number: G01026	Source of Paleo: OPERATOR	Borehole MD: 10745
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 10308
API Well Number: 177120010700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7510 - 10725	Water Depth: 140
Public Info Code: Y 20-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7510 / 7092	DEF AT first sample examined	DEF AT
10390 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10725 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 241	Date of Summary: 17-DEC-1980	First Sample Examined: 6980
Lease Number: G01026	Source of Paleo: OPERATOR	Borehole MD: 9344
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 9150
API Well Number: 177124024100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6980 - 9350	Water Depth: 140
Public Info Code: Y 20-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 / 6801	DEF AT first sample examined	DEF AT
8505 / 8295	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9350 / 9114	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 241	Date of Summary: 17-DEC-1980	First Sample Examined: 7990
Lease Number: G01026	Source of Paleo: OPERATOR	Borehole MD: 10478
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 10193
API Well Number: 177124024101	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 7990 - 11466	Water Depth: 136
Public Info Code: Y 20-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 7787	DEF AT first sample examined	DEF AT
8940 / 8710	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10466 / 10182	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 11-JUN-1973	First Sample Examined: 6000
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 13236
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13236
API Well Number: 177124006100	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13200	Water Depth: 165
Public Info Code: Y 20-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5998	DEF AT first sample examined	DEF AT
6660 / 6658	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6780 / 6778	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7630 / 7628	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10210 / 10204	DEF AT local marker foram increase	DEF AT
10840 / 10834	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11530 / 11523	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12130 / 12123	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12888 / 12881	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12984 / 12977	DEF AT sandstone	DEF AT
13200 / 13193	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 09-MAR-1973	First Sample Examined: 6000
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 14300
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14267
API Well Number: 177124005700	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 6000 - 14300	Water Depth: 159
Public Info Code: Y 23-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5998	DEF AT first sample examined	DEF AT
6480 / 6476	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6780 / 6775	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
7470 / 7464	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8430 / 8423	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10950 / 10936	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12690 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
13230 /	DEF AT sandstone	DEF AT
13680 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13950 /	DEF AT sample gap top	DEF AT
14070 /	DEF AT sample gap bottom	DEF AT
14300 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 03-JAN-1996	First Sample Examined: 0
Lease Number: G01027	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12297
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11891
API Well Number: 177124007400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 03-MAR-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7850 / 7556	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11293 / 10894	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 18-JUN-1974	First Sample Examined: 4971
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 14150
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13954
API Well Number: 177124007900	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4971 - 14141	Water Depth: 166
Public Info Code: Y 18-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4971 / 4864	DEF AT first sample examined	DEF AT
6689 / 6530	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6690 / 6531	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
6691 / 6532	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8667 / 8480	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT
11831 / 11639	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
13537 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
13845 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14141 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 22-JUL-1974	First Sample Examined: 5053
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 14331
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13973
API Well Number: 177124008200	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5053 - 14331	Water Depth: 173
Public Info Code: Y 14-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5053 / 4910	DEF AT first sample examined	DEF AT 3
5686 / 5504	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6995 / 6746	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8733 / 8432	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9866 / 9565	DEF AT cement	POS AT 4
11057 / 10755	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
11778 / 11475	POS AT Cyclammina cancellata (local marker)	DEF AT 4
12453 / 12149	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12925 / 12620	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
14330 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 16-OCT-1974	First Sample Examined: 5005
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 14915
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14571
API Well Number: 177124008300	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5005 - 14915	Water Depth: 166
Public Info Code: Y 08-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5005 / 4819	DEF AT first sample examined	DEF AT
6189 / 5906	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7125 / 6797	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
8228 / 7898	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT
10948 / 10617	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
13109 / 12775	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
13450 / 13115	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14915 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 03-MAR-1975	First Sample Examined: 4997
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 16190
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15899
API Well Number: 177124009000	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 4997 - 16190	Water Depth: 173
Public Info Code: Y 10-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4997 / 4864	DEF AT first sample examined	DEF AT
5332 / 5180	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
6852 / 6613	DEF AT sample gap top	DEF AT
6931 / 6688	DEF AT sample gap bottom	DEF AT
6932 / 6689	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
8590 / 8322	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
11939 / 11664	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
13801 / 13512	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14413 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
16108 /	DEF AT caprock	DEF AT
16190 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 10-DEC-1974	First Sample Examined: 5021
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 13123
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12687
API Well Number: 177124009100	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5021 - 13110	Water Depth: 173
Public Info Code: Y 02-JAN-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5021 / 4612	DEF AT first sample examined	DEF AT
7198 / 6654	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7469 / 6925	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7470 / 6926	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT
7471 / 6927	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8488 / 7943	DEF AT Eggerella sp. (local marker)	DEF AT
8489 / 7944	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
9152 / 8607	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10830 / 10282	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
12120 / 11569	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12960 / 12407	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
13110 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 04-JUN-1975	First Sample Examined: 4983
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 15695
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15346
API Well Number: 177124009600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4983 - 15659	Water Depth: 173
Public Info Code: Y 03-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4983 / 4886	DEF AT first sample examined	DEF AT 3
5616 / 5470	DEF AT faunal change (no faunal increase)	DEF AT 2
6755 / 6535	DEF AT glauconite	DEF AT 4
6756 / 6536	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8871 / 8564	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8872 / 8565	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9510 / 9199	DEF AT faunal change (no faunal increase)	DEF AT 3
11384 / 11071	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11555 / 11242	DEF AT cement	POS AT 4
12028 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13008 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
13302 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
15029 /	DEF AT local marker deep water fauna	DEF AT 6
15620 /	DEF AT caprock	DEF AT 6
15659 /	DEF AT last sample examined	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 24-JUL-1975	First Sample Examined: 4984
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 12400
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11515
API Well Number: 177124010200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4984 - 12348	Water Depth: 173
Public Info Code: Y 22-JUL-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4984 / 4434	DEF AT first sample examined	DEF AT 3
6655 / 5843	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
8175 / 7287	DEF AT glauconite	DEF AT 4
8176 / 7288	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8177 / 7289	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
8386 / 7496	DEF AT - - - - -	DEF AT 3
9118 / 8227	DEF AT - - - - -	DEF AT 4
9407 / 8515	DEF AT cement	POS AT 4
9536 / 8644	DEF AT sample gap top	POS AT 4
9616 / 8724	DEF AT sample gap bottom	POS AT 4
9870 / 8978	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
10862 / 9970	DEF AT sample gap top	POS AT 4
10947 / 10055	DEF AT sample gap bottom	DEF AT 4
11246 / 10354	DEF AT cement	POS AT 4
11621 /	DEF AT - - - - -	DEF AT 4
11664 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12348 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 24-SEP-1975	First Sample Examined: 4995
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 13886
Well Name: A010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11091
API Well Number: 177124010500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4995 - 13886	Water Depth: 166
Public Info Code: Y 01-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4995 / 4689	DEF AT first sample examined	DEF AT 3
6134 / 5739	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7278 / 6784	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7771 / 7224	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
9294 / 8536	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
10282 / 9487	DEF AT sample gap top	POS AT 4
10326 /	DEF AT sample gap bottom	POS AT 4
10327 /	DEF AT cement	POS AT 4
10538 /	DEF AT sample gap top	POS AT 4
10590 /	DEF AT sample gap bottom	DEF AT 3
10945 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 4
12787 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
13716 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13886 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 05-MAR-1976	First Sample Examined: 6479
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 13944
Well Name: A011	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13441
API Well Number: 177124011500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6479 - 13916	Water Depth: 166
Public Info Code: Y 29-MAR-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6479 / 6147	DEF AT first sample examined	DEF AT 3
6990 / 6618	DEF AT - - - - -	DEF AT 4
7073 / 6695	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7074 / 6696	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7321 / 6926	DEF AT - - - - -	DEF AT 3
8096 / 7649	DEF AT - - - - -	DEF AT 4
8440 / 7976	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8778 / 8304	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8779 / 8305	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9963 / 9477	DEF AT sample gap top	POS AT 4
10848 / 10360	DEF AT sample gap bottom	DEF AT 4
11817 / 11328	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12932 / 12437	DEF AT sandstone	DEF AT 4
13601 / 13101	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
13916 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 18-MAY-1976	First Sample Examined: 5994
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 13090
Well Name: A012	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11900
API Well Number: 177124012100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5994 - 13068	Water Depth: 173
Public Info Code: Y 22-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5994 / 5923	DEF AT first sample examined	DEF AT 3
6801 / 6718	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7328 / 7242	DEF AT - - - - -	DEF AT 3
7672 / 7586	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
7966 / 7880	DEF AT - - - - -	DEF AT 4
8510 / 8424	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8511 / 8425	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9468 / 9381	DEF AT cement	POS AT 4
9756 / 9669	DEF AT - - - - -	DEF AT 3
11038 / 10951	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11414 / 11327	DEF AT - - - - -	DEF AT 5
11798 / 11710	DEF AT - - - - -	DEF AT 4
12015 / 11927	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12259 / 12171	DEF AT cement	POS AT 5
12442 /	DEF AT - - - - -	DEF AT 4
12685 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13068 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 246	Date of Summary: 29-JUL-1976	First Sample Examined: 5997
Lease Number: G01027	Source of Paleo: OPERATOR	Borehole MD: 15390
Well Name: A016	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14673
API Well Number: 177124012600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5997 - 15377	Water Depth: 173
Public Info Code: Y 12-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5997 / 5652	DEF AT first sample examined	DEF AT 3
6935 / 6530	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8100 / 7622	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9247 / 8672	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10438 / 9767	DEF AT - - - - -	DEF AT 3
11502 / 10815	DEF AT - - - - -	DEF AT 4
12905 / 12217	DEF AT Eggerella 3 (local marker)	DEF AT 4
12906 / 12218	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
14534 / 13824	DEF AT local marker benthic foram increase	DEF AT 4
14829 / 14110	DEF AT cement	POS AT 4
15009 / 14284	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
15039 / 14313	DEF AT - - - - -	DEF AT 3
15169 / 14439	DEF AT - - - - -	DEF AT 4
15199 / 14468	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
15377 / 14640	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 247	Date of Summary: 19-MAR-1976	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9161
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 9014
API Well Number: 177124010400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 06-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6476 / 6336	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7700 / 7554	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT
8676 / 8529	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 247	Date of Summary: 22-MAR-1976	First Sample Examined: 0
Lease Number: G01023	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9445
Well Name: C008	Paleo Done By: OPERATOR	Borehole TVD: 9025
API Well Number: 177124011800	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 04-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6720 / 6312	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7880 / 7456	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 247	Date of Summary: 16-JUN-1975	First Sample Examined: 5990
Lease Number: G01028	Source of Paleo: OPERATOR	Borehole MD: 12310
Well Name: C005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9296
API Well Number: 177124010000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5990 - 12275	Water Depth: 180
Public Info Code: Y 29-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5990 / 5277	DEF AT first sample examined	DEF AT 3
6290 / 5518	DEF AT - - - - -	DEF AT 2
7010 / 6097	DEF AT - - - - -	DEF AT 3
8110 / 6926	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8260 / 7043	DEF AT sample gap top	POS AT 4
8360 / 7123	DEF AT sample gap bottom	DEF AT 4
9110 / 7711	DEF AT sample gap top	POS AT 4
9239 / 7809	DEF AT sample gap bottom	DEF AT 4
9240 / 7810	POS IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
9390 / 7921	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10810 / 8932	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12275 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 247	Date of Summary: 17-FEB-1983	First Sample Examined: 0
Lease Number: G01028	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13500
Well Name: F001	Paleo Done By: OPERATOR	Borehole TVD: 13498
API Well Number: 177124015500	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 30-JUL-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5810 / 5810	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6770 / 6770	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7100 / 7100	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10430 / 10430	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10970 / 10969	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
13130 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 248	Date of Summary: 23-OCT-1974	First Sample Examined: 2372
Lease Number: G01029	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7000
API Well Number: 177124001000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2372 - 7000	Water Depth: 180
Public Info Code: Y 05-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2372 /	DEF AT first sample examined	DEF AT
3646 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6724 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 248	Date of Summary: 19-JUL-1974	First Sample Examined: 3368
Lease Number: G01029	Source of Paleo: OPERATOR	Borehole MD: 11473
Well Name: D001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11473
API Well Number: 177124007700	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3368 - 10643	Water Depth: 180
Public Info Code: Y 06-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3368 / 3368	DEF AT first sample examined	DEF AT
3544 / 3544	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5418 / 5418	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
6710 / 6710	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7429 / 7428	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7430 / 7429	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
8600 /	DEF AT poor sample interval top	DEF AT
9020 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
9200 /	DEF AT poor sample interval bottom	DEF AT
10610 /	POS AT calcite	DEF AT
10640 /	DEF AT calcite	DEF AT
10641 /	DEF AT anhydrite	DEF AT
10642 /	DEF AT gypsum	DEF AT
10760 /	DEF AT sample gap top	DEF AT
11000 /	DEF AT sample gap bottom	DEF AT
11483 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 248	Date of Summary: 03-AUG-1976	First Sample Examined: 6000
Lease Number: G01030	Source of Paleo: OPERATOR	Borehole MD: 15314
Well Name: D002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14208
API Well Number: 177124012000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 6000 - 15320	Water Depth: 180
Public Info Code: Y 22-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5431	DEF AT first sample examined	DEF AT
6210 / 5614	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
7620 / 6865	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9779 / 8857	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
9780 / 8858	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
12060 / 11004	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
12810 / 11751	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
13050 / 11990	DEF AT Cyclammina sp. (local marker)	DEF AT
14489 / 13413	DEF AT Eggerella sp. (local marker)	DEF AT
14490 / 13414	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
15090 / 13989	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
15260 / 14150	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
15320 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 249	Date of Summary: 10-APR-1973	First Sample Examined: 6000
Lease Number: G01030	Source of Paleo: OPERATOR	Borehole MD: 13510
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13293
API Well Number: 177124006000	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 6000 - 13510	Water Depth: 180
Public Info Code: Y 25-APR-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 6000	DEF AT first sample examined	DEF AT 2
6510 / 6510	DEF AT - - - - -	DEF AT 3
6900 / 6900	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7230 / 7230	DEF AT - - - - -	DEF AT 2
8010 / 8010	DEF AT - - - - -	DEF AT 3
8940 / 8939	POS AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 4
8941 / 8940	DEF AT poor sample interval top	DEF AT 4
11930 / 11905	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12198 / 12149	DEF AT poor sample interval bottom	DEF AT 5
12199 / 12150	DEF AT Bathysiphon fauna	DEF AT 5
12200 / 12150	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12530 / 12446	DEF AT - - - - -	DEF AT 4
13510 / 13293	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 250	Date of Summary: 21-OCT-1981	First Sample Examined: 0
Lease Number: G04233	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12215
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12215
API Well Number: 177124025900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 185
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5660 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7760 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8540 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11664 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 250	Date of Summary: 31-MAR-1982	First Sample Examined: 0
Lease Number: G04233	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16271
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16271
API Well Number: 177124026200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15579 /	POS AT gouge	DEF AT 6
15580 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
16260 /	POS AT salt	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

<p>Area Block: SS 251 Lease Number: G04872 Well Name: 001 API Well Number: 177124028300 Paleo Report Num: 1 of 1 Public Info Code: Y 30-NOV-1986</p>	<p>Date of Summary: 22-MAR-1983 Source of Paleo: COMPLETION REPORT (WELL SUMMARY) Paleo Done By: OPERATOR Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC Sample Range: 0 - 0 Ecozone Eq MMS:</p>	<p>First Sample Examined: 0 Borehole MD: 11500 Borehole TVD: 11500 Rkb Elevation: 95 Water Depth: 185 Paleo ID: 001</p>
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Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5860 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7660 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10300 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11130 /	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 253	Date of Summary: 28-OCT-1969	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14437
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 14437
API Well Number: 177122000100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 20-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4633 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5092 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10450 /	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11130 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 253	Date of Summary: 24-FEB-1972	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9738
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 9494
API Well Number: 177122004200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 02-JAN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3460 / 3333	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5488 / 5260	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8540 / 8300	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 253	Date of Summary: 31-JAN-1971	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9590
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 9590
API Well Number: 177124000400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 13-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4025 / 4024	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5285 / 5283	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8600 / 8584	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 253	Date of Summary: 31-MAR-1971	First Sample Examined: 0
Lease Number: G01031	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7950
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 6658
API Well Number: 177124001100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 30-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3732 / 3274	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4965 / 4169	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6235 / 5136	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 253	Date of Summary: 11-JUL-1989	First Sample Examined: 0
Lease Number: G01529	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14100
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 13761
API Well Number: 177122001500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 178
Public Info Code: Y 26-DEC-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4792 / 4558	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5261 / 4997	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9495 / 9170	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 256	Date of Summary: 15-FEB-1974	First Sample Examined: 5390
Lease Number: G01032	Source of Paleo: OPERATOR	Borehole MD: 12500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12500
API Well Number: 177124007200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5390 - 12500	Water Depth: 140
Public Info Code: Y 25-APR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5390 /	DEF AT first sample examined	DEF IN 3
6110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7520 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8270 /	DEF AT local marker benthic foram increase	DEF AT 2
8510 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9230 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
11060 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12500 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 269	Date of Summary: 20-FEB-1970	First Sample Examined: 0
Lease Number: G01036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8762
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8762
API Well Number: 177120003400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 03-JUN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3984 / 3983	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4637 / 4636	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5733 / 5731	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
8680 /	DEF AT salt	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 269	Date of Summary: 20-JUN-1973	First Sample Examined: 0
Lease Number: G01036	Source of Paleo: OPERATOR	Borehole MD: 5933
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 5933
API Well Number: 177124003400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 30-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3529 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4165 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5055 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 269	Date of Summary: 15-SEP-1989	First Sample Examined: 0
Lease Number: G01036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6982
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 6702
API Well Number: 177124003600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 04-FEB-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3870 / 3720	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4530 / 4340	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5722 / 5475	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 269	Date of Summary: 04-FEB-1974	First Sample Examined: 0
Lease Number: G01036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6130
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 5411
API Well Number: 177124003700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 15-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4007 / 3502	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4650 / 4039	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5300 / 4625	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 269	Date of Summary: 09-OCT-1989	First Sample Examined: 0
Lease Number: G01036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5199
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 4907
API Well Number: 177124004100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 205
Public Info Code: Y 07-APR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 / 3489	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4655 / 4393	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 269	Date of Summary: 01-NOV-1993	First Sample Examined: 0
Lease Number: G01036	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7490
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 6896
API Well Number: 177124006200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 20-MAY-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3898 / 3659	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4384 / 4098	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5413 / 5036	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 271	Date of Summary: 16-OCT-1974	First Sample Examined: 3730
Lease Number: G01038	Source of Paleo: OPERATOR	Borehole MD: 10496
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8799
API Well Number: 177124008900	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3730 - 10480	Water Depth: 213
Public Info Code: Y 05-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3730 / 3431	DEF AT first sample examined	DEF AT 3
3731 / 3431	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4330 / 3844	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5050 / 4340	DEF AT - - - - -	DEF AT 2
6700 / 5476	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6730 / 5496	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
7450 / 6026	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9550 / 7993	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
10480 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 271	Date of Summary: 09-DEC-1974	First Sample Examined: 2590
Lease Number: G01038	Source of Paleo: OPERATOR	Borehole MD: 11380
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9750
API Well Number: 177120003201	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2590 - 11360	Water Depth: 213
Public Info Code: Y 22-DEC-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2590 / 2590	DEF AT first sample examined	DEF AT 3
2650 / 2650	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3810 / 3757	DEF AT sample gap top	POS AT 3
3960 / 3884	DEF AT sample gap bottom	DEF AT 3
4020 / 3933	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4920 / 4559	DEF AT faunal change (no faunal increase)	DEF AT 2
5969 / 5255	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5970 / 5255	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6980 / 5880	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9350 /	DEF AT poor sample interval top	POS AT 4
10279 /	DEF AT poor sample interval bottom	DEF AT 4
10280 /	POS IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
11239 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11240 /	DEF IN Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
11360 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 271	Date of Summary: 24-MAR-1975	First Sample Examined: 2900
Lease Number: G01038	Source of Paleo: OPERATOR	Borehole MD: 9752
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7083
API Well Number: 177124008901	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 2900 - 9460	Water Depth: 213
Public Info Code: Y 23-MAR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2900 / 2509	DEF AT first sample examined	DEF AT 3
2901 / 2510	DEF AT cement	DEF AT 3
3200 / 2703	DEF AT - - - - -	DEF AT 2
4280 / 3382	DEF AT - - - - -	DEF AT 3
4939 / 3779	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4940 / 3780	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5690 / 4232	DEF AT - - - - -	DEF AT 2
5990 / 4413	DEF AT sample gap top	POS AT 2
6085 / 4471	DEF AT sample gap bottom	DEF AT 2
7045 / 5067	DEF AT sample gap top	POS AT 2
7200 / 5166	DEF AT sample gap bottom	DEF AT 2
7760 / 5527	DEF AT - - - - -	DEF AT 3
8240 / 5837	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8330 / 5895	DEF AT sample gap top	POS AT 4
8709 / 6136	DEF AT sample gap bottom	DEF AT 3
8710 / 6137	DEF AT cement	DEF AT 3
9460 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 271	Date of Summary: 13-JAN-1975	First Sample Examined: 3453
Lease Number: G01038	Source of Paleo: OPERATOR	Borehole MD: 9931
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8088
API Well Number: 177120003302	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3453 - 9891	Water Depth: 213
Public Info Code: Y 03-FEB-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3453 / 3273	DEF AT first sample examined	DEF AT 3
4112 / 3757	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4113 / 3757	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6093 / 5068	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6673 / 5454	DEF AT - - - - -	DEF AT 2
7126 / 5758	DEF AT - - - - -	DEF AT 4
7127 / 5759	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7227 / 5826	DEF AT - - - - -	DEF AT 3
9607 / 7782	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
9891 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 271	Date of Summary: 24-MAR-1975	First Sample Examined: 2695
Lease Number: G01038	Source of Paleo: OPERATOR	Borehole MD: 8100
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6602
API Well Number: 177124009900	Drilling Operator: CONSOLIDATED GAS SUPPLY CORPOR	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2695 - 8080	Water Depth: 213
Public Info Code: Y 16-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2695 / 2549	DEF AT first sample examined	DEF AT 3
3385 / 3067	DEF AT -----	DEF AT 2
3835 / 3404	DEF AT -----	DEF AT 3
4475 / 3888	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4935 / 4237	DEF AT -----	DEF AT 2
6105 / 5117	DEF AT -----	DEF AT 3
6135 / 5140	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
6855 / 5680	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8080 / 6588	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 272	Date of Summary: 14-AUG-1975	First Sample Examined: 0
Lease Number: G02921	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9755
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9755
API Well Number: 177124010900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 21-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3220 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6010 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 272	Date of Summary: 22-SEP-1975	First Sample Examined: 0
Lease Number: G02921	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177124011100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 21-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3250 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9700 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 272	Date of Summary: 27-SEP-1979	First Sample Examined: 0
Lease Number: G02921	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8496
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 8260
API Well Number: 177124016900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 217
Public Info Code: Y 21-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3410 / 3312	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6830 / 6596	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 272	Date of Summary: 29-AUG-1978	First Sample Examined: 4990
Lease Number: G02921	Source of Paleo: OPERATOR	Borehole MD: 9176
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8578
API Well Number: 177124018800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4990 - 9160	Water Depth: 217
Public Info Code: Y 21-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4990 / 4568	DEF AT first sample examined	DEF IN 3
6340 / 5798	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
6610 / 6057	DEF AT - - - - -	DEF AT 4
6970 / 6399	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7360 / 6774	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9160 / 8562	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 275	Date of Summary: 31-AUG-1975	First Sample Examined: 0
Lease Number: G01040	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7955
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7893
API Well Number: 177124007600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 31-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3580 / 3578	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4650 / 4646	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6730 / 6722	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7120 / 7111	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8140 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8263 /	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 278	Date of Summary: 20-JUN-1986	First Sample Examined: 1100
Lease Number: G04875	Source of Paleo: OPERATOR	Borehole MD: 6500
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6437
API Well Number: 177124033900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1100 - 6500	Water Depth: 197
Public Info Code: Y 31-OCT-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 / 1099	DEF AT first sample examined	DEF IN 2
1730 / 1727	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3440 / 3421	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4790 / 4770	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5120 / 5100	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5150 / 5130	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5180 / 5160	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5390 / 5370	DEF AT pyrite	DEF AT 3
5660 / 5639	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6500 / 6479	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 280	Date of Summary: 12-MAR-1969	First Sample Examined: 0
Lease Number: G01041	Source of Paleo: OPERATOR	Borehole MD: 16950
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16950
API Well Number: 177120004800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 194
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4090 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7280 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
9580 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 280	Date of Summary: 13-JAN-1984	First Sample Examined: 3610
Lease Number: G05566	Source of Paleo: OPERATOR	Borehole MD: 9423
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9423
API Well Number: 177124030400	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3610 - 9370	Water Depth: 194
Public Info Code: Y 22-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3610 /	DEF AT first sample examined	DEF IN 2
3730 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4660 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5830 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6220 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6460 /	DEF AT pyrite	DEF AT 4
6490 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6520 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
6700 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6880 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
6999 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
7000 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
7810 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
7840 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
7870 /	DEF AT pyrite	DEF AT 5
8050 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9370 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 290	Date of Summary: 13-OCT-1975	First Sample Examined: 1360
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7200
API Well Number: 177124011000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1360 - 7180	Water Depth: 240
Public Info Code: Y 30-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1360 / 1360	DEF AT first sample examined	DEF IN 2
1570 / 1570	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2980 / 2980	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3700 / 3700	DEF AT local marker deep water fauna	DEF AT 4
4690 / 4690	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5080 / 5080	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5140 / 5140	DEF AT local marker foram decrease	DEF AT 4
7180 / 7180	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 290	Date of Summary: 05-APR-1976	First Sample Examined: 2000
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 6943
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6943
API Well Number: 177124011900	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 2000 - 6710	Water Depth: 240
Public Info Code: Y 23-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No samples obtained from 6710 to 6950

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF IN 3
3140 / 3140	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4190 / 4190	DEF AT - - - -	DEF AT 4
4820 / 4820	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5120 / 5120	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5570 / 5570	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5690 / 5690	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6710 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 290	Date of Summary: 07-DEC-1976	First Sample Examined: 1320
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7231
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7231
API Well Number: 177124013700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1320 - 7220	Water Depth: 240
Public Info Code: Y 25-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1320 / 1320	DEF AT first sample examined	DEF IN 3
1730 / 1730	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
3120 / 3120	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4020 / 4020	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
4260 / 4260	DEF AT - - - - -	DEF AT 4
4530 / 4530	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4860 / 4860	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
4890 / 4890	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5430 / 5430	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5520 / 5520	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5730 / 5730	DEF AT pyrite	DEF AT 4
5760 / 5760	DEF AT local marker deep water fauna	DEF AT 4
7220 / 7220	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 290	Date of Summary: 19-JAN-1977	First Sample Examined: 1350
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7200
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7200
API Well Number: 177124014100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1350 - 7200	Water Depth: 240
Public Info Code: Y 14-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 / 1350	DEF AT first sample examined	DEF IN 2
1620 / 1620	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
3050 / 3050	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4160 / 4160	DEF AT local marker foram increase	DEF IN 3
4630 / 4630	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5230 / 5230	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5260 / 5260	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6340 / 6340	DEF AT sample gap top	POS AT 4
6615 /	DEF AT sample gap bottom	DEF AT 4
6675 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7200 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 26-FEB-1976	First Sample Examined: 3510
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 7322
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7322
API Well Number: 177124011300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3510 - 6720	Water Depth: 240
Public Info Code: Y 22-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3510 / 3510	DEF AT first sample examined	DEF IN 3
3600 / 3600	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3960 / 3960	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5099 / 5099	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5100 / 5100	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6720 / 6720	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 07-SEP-1977	First Sample Examined: 1350
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 6560
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6560
API Well Number: 177124015800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 1350 - 6514	Water Depth: 240
Public Info Code: Y 25-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 / 1350	DEF AT first sample examined	DEF IN 3
1560 / 1560	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1770 / 1770	DEF AT - - - - -	DEF AT 3
3060 / 3060	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5064 / 5064	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5414 / 5414	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6514 / 6514	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 15-APR-1975	First Sample Examined: 3560
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 7542
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7542
API Well Number: 177124009700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3560 - 7550	Water Depth: 240
Public Info Code: Y 15-APR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3560	DEF AT first sample examined	POS AT 4
3830 / 3830	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 4
3950 / 3950	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7550 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 24-JAN-1977	First Sample Examined: 2250
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 6905
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6403
API Well Number: 177124014300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2250 - 6900	Water Depth: 240
Public Info Code: Y 20-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2250 / 2240	DEF AT first sample examined	DEF IN 3
3370 / 3293	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3520 / 3425	DEF AT local marker foram decrease	DEF IN 3
4120 / 3950	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4270 / 4081	DEF AT local marker deep water fauna	DEF AT 4
4480 / 4266	DEF AT local marker foram decrease	DEF AT 4
4870 / 4608	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
5830 / 5457	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5980 / 5591	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6490 / 6045	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6900 / 6399	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 14-FEB-1977	First Sample Examined: 3140
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 6821
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6404
API Well Number: 177124014500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3140 - 6821	Water Depth: 240
Public Info Code: Y 11-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3140 / 3077	DEF AT first sample examined	DEF IN 3
3530 / 3426	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4530 / 4323	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5419 / 5124	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5420 / 5125	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6821 / 6396	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 09-SEP-1977	First Sample Examined: 2520
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 7670
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6400
API Well Number: 177124016300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2520 - 7340	Water Depth: 240
Public Info Code: Y 29-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Possible incorrect labeling of depths

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2520 / 2470	DEF AT first sample examined	POS IN 3
2550 / 2496	POS IN Middle Pleistocene (Ionian) Trimosina "A"	POS IN 3
3360 / 3126	POS AT - - - - -	POS AT 4
4610 / 4069	DEF AT sample gap top	POS AT 4
5610 / 4836	DEF AT sample gap bottom	POS AT 4
7340 / 6144	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 14-OCT-1977	First Sample Examined: 1350
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 6845
Well Name: A010	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6403
API Well Number: 177124016500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 6840	Water Depth: 240
Public Info Code: Y 04-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 2
1530 / 1530	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3190 / 3094	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3689 / 3545	DEF AT sample gap top	POS AT 3
4710 / 4483	DEF AT sample gap bottom	DEF AT 3
5430 / 5140	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6840 / 6399	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 04-NOV-1977	First Sample Examined: 1350
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 8032
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6394
API Well Number: 177124016800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 8040	Water Depth: 240
Public Info Code: Y 02-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 2
1640 / 1639	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
1820 / 1817	DEF AT local marker foram decrease	DEF AT 3
3470 / 3157	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5210 / 4430	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
6340 / 5224	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6520 / 5352	DEF AT pyrite	DEF AT 4
8040 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 28-NOV-1977	First Sample Examined: 1350
Lease Number: G02923	Source of Paleo: OPERATOR	Borehole MD: 6664
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6397
API Well Number: 177124017000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1350 - 6660	Water Depth: 240
Public Info Code: Y 27-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1350 / 1350	DEF AT first sample examined	DEF IN 2
1650 / 1650	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3120 / 3078	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4200 / 4076	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
6030 / 5797	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6660 / 6394	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 25-MAR-1977	First Sample Examined: 2510
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 6850
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6393
API Well Number: 177124014800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2510 - 6850	Water Depth: 240
Public Info Code: Y 17-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2510 / 2505	DEF AT first sample examined	DEF IN 3
2960 / 2942	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4110 / 3989	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4440 / 4280	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4830 / 4624	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5470 / 5182	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5980 / 5623	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6250 / 5858	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6850 / 6387	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 06-MAY-1977	First Sample Examined: 2500
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7590
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6225
API Well Number: 177124015100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 2500 - 6530	Water Depth: 217
Public Info Code: Y 01-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2500 / 2436	DEF AT first sample examined	DEF IN 3
3290 / 3045	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 3
3320 / 3067	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3590 / 3267	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
4040 / 3597	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF IN 3
4400 / 3860	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5260 / 4479	DEF AT sample gap top	POS AT 4
6000 / 4994	DEF AT sample gap bottom	DEF AT 4
6380 / 5271	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6410 / 5293	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6530 / 5384	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 06-MAY-1977	First Sample Examined: 5300
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7590
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6225
API Well Number: 177124015100	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 5300 - 7580	Water Depth: 217
Public Info Code: Y 01-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 4507	DEF AT first sample examined	DEF AT 4
5301 / 4508	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5600 / 4713	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6950 / 5712	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7580 / 6217	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 06-JUN-1977	First Sample Examined: 2490
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7277
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6397
API Well Number: 177124015200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2490 - 7280	Water Depth: 240
Public Info Code: Y 05-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2490 / 2456	DEF AT first sample examined	DEF IN 3
3120 / 3011	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4280 / 3951	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4430 / 4073	DEF AT local marker deep water fauna	DEF AT 4
5600 / 5040	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5960 / 5331	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6710 / 5937	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7280 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 21-JUL-1977	First Sample Examined: 1980
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 7879
Well Name: A007	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6388
API Well Number: 177124015700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1980 - 7880	Water Depth: 240
Public Info Code: Y 11-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1980 / 1969	DEF AT first sample examined	DEF IN 3
3360 / 3051	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4590 / 3987	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4950 / 4266	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5830 / 4912	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6040 / 5058	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6520 / 5391	DEF AT pyrite	DEF AT 4
6880 / 5645	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7180 / 5864	DEF AT local marker foram increase	DEF AT 4
7880 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 291	Date of Summary: 15-AUG-1977	First Sample Examined: 1850
Lease Number: G03170	Source of Paleo: OPERATOR	Borehole MD: 8154
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6394
API Well Number: 177124016000	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1850 - 8154	Water Depth: 240
Public Info Code: Y 11-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1850 / 1846	DEF AT first sample examined	DEF IN 3
3350 / 3024	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4860 / 4080	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5010 / 4185	DEF AT sample gap top	POS AT 4
5480 / 4517	DEF AT sample gap bottom	DEF AT 4
5570 / 4581	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6320 / 5113	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6500 / 5235	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
8154 / 6395	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 293	Date of Summary: 01-JAN-1971	First Sample Examined: 9640
Lease Number: G01039	Source of Paleo: OPERATOR	Borehole MD: 9745
Well Name: B014	Paleo Done By: OPERATOR	Borehole TVD: 7390
API Well Number: 177124000800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9640 - 9730	Water Depth: 236
Public Info Code: Y 25-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9640 / 7354	DEF AT first sample examined	DEF AT
9700 / 7392	DEF AT domal material	DEF AT
9701 / 7393	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9730 / 7411	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 296	Date of Summary: 23-AUG-1972	First Sample Examined: 900
Lease Number: G01535	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 12000
API Well Number: 177122001800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 900 - 12000	Water Depth: 285
Public Info Code: Y 09-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 /	DEF AT first sample examined	POS AT 2
901 /	DEF AT cement	POS AT 2
960 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1870 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2320 /	DEF AT local marker foram decrease	DEF AT 3
2410 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2440 /	DEF AT local marker deep water fauna	DEF AT 4
2530 /	DEF AT local marker benthic foram increase	DEF AT 4
3400 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4300 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4330 /	DEF AT local marker foram decrease	DEF AT 3
4600 /	DEF AT local marker foram increase	DEF AT 4
5140 /	DEF AT local marker foram decrease	DEF AT 4
5200 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6009 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6010 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7180 /	DEF AT local marker foram decrease	DEF AT 4
7450 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
7960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9370 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
9640 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11380 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 296	Date of Summary: 23-AUG-1972	First Sample Examined: 900
Lease Number: G01535	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 12000
API Well Number: 177122001800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 900 - 12000	Water Depth: 285
Public Info Code: Y 09-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12000 /	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 296	Date of Summary: 03-FEB-1977	First Sample Examined: 2770
Lease Number: G01535	Source of Paleo: OPERATOR	Borehole MD: 9123
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7647
API Well Number: 177124013901	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 2770 - 9123	Water Depth: 272
Public Info Code: Y 09-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2770 / 2770	DEF AT first sample examined	DEF IN 3
3580 / 3565	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5000 / 4753	DEF AT local marker deep water fauna	DEF AT 4
5090 / 4814	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5510 / 5115	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5570 / 5161	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5690 / 5252	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8510 / 7190	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8780 / 7392	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9123 / 7649	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 296	Date of Summary: 16-OCT-1978	First Sample Examined: 0
Lease Number: G01535	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8762
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 7898
API Well Number: 177124019000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 272
Public Info Code: Y 09-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4695	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5630 / 5225	DEF AT - - - - -	DEF AT 4
5840 / 5400	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8749 / 7887	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 299	Date of Summary: 10-FEB-1986	First Sample Examined: 3171
Lease Number: G01044	Source of Paleo: OPERATOR	Borehole MD: 8039
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8039
API Well Number: 177120007000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 3171 - 8109	Water Depth: 250
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3171 /	DEF AT first sample examined	DEF IN 3
3225 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4282 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4534 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4566 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5239 /	POS IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5784 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6151 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7407 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
7408 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8109 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 299	Date of Summary: 30-JUL-1973	First Sample Examined: 0
Lease Number: G01044	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5108
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 5108
API Well Number: 177124006400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 250
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4605 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5070 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 316	Date of Summary: 19-SEP-1972	First Sample Examined: 520
Lease Number: G01541	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10387
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10387
API Well Number: 177124004200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 520 - 10387	Water Depth: 295
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
520 /	DEF AT first sample examined	DEF IN 3
521 /	DEF AT glauconite	DEF IN 3
580 /	DEF AT faunal change (no faunal increase)	DEF AT 2
670 /	DEF AT pyrite	DEF AT 2
1820 /	DEF AT local marker benthic foram increase	DEF AT 3
1850 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 3
1880 /	DEF AT local marker planktic foram increase	DEF AT 4
1910 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2000 /	DEF AT local marker foram decrease	POS AT 2
2180 /	DEF AT cement	POS AT 2
2360 /	DEF AT local marker benthic foram increase	DEF AT 2
2480 /	DEF AT pyrite	DEF IN 2
2600 /	DEF AT local marker planktic foram increase	DEF AT 3
2660 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
2810 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2900 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
3050 /	DEF AT local marker foram decrease	DEF AT 2
3260 /	DEF AT shell fragments	DEF IN 1
3710 /	DEF AT local marker foram increase	DEF AT 2
3740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3770 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3800 /	DEF AT local marker benthic foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 316	Date of Summary: 19-SEP-1972	First Sample Examined: 520
Lease Number: G01541	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10387
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10387
API Well Number: 177124004200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 520 - 10387	Water Depth: 295
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3830 /	DEF AT local marker foram decrease	DEF IN 3
4040 /	DEF AT cement	POS AT 2
4610 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
4700 /	DEF AT pyrite	DEF AT 2
4790 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4820 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4940 /	DEF AT local marker benthic foram increase	DEF AT 2
5000 /	DEF AT pyrite	DEF AT 2
5570 /	DEF AT local marker benthic foram increase	DEF IN 2
5660 /	DEF AT pyrite	DEF AT 2
5690 /	DEF AT local marker benthic foram increase	DEF AT 3
5720 /	DEF AT local marker deep water fauna	DEF IN 3
5750 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
5780 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 3
5810 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
5870 /	POS AT local marker foram decrease	DEF IN 3
5930 /	DEF AT local marker foram increase	DEF IN 3
5990 /	DEF AT local marker planktic foram increase	DEF AT 4
6020 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6170 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6188 /	DEF AT cement	POS AT 4
6380 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
6410 /	DEF AT local marker foram decrease	DEF IN 3
6590 /	DEF AT faunal change (no faunal increase)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 316	Date of Summary: 19-SEP-1972	First Sample Examined: 520
Lease Number: G01541	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10387
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10387
API Well Number: 177124004200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 520 - 10387	Water Depth: 295
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6620 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6920 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7130 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
7190 /	DEF AT local marker foram increase	DEF AT 3
7250 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7430 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7520 /	DEF AT local marker benthic foram increase	DEF IN 3
7610 /	DEF AT local marker foram decrease	DEF IN 2
7640 /	DEF AT cement	DEF AT 3
7670 /	DEF AT pyrite	DEF IN 2
7700 /	DEF AT local marker foram decrease	DEF IN 2
8419 /	DEF AT local marker foram increase	DEF AT 3
8420 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
8810 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
8900 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
8930 /	DEF AT local marker benthic foram increase	DEF IN 2
8960 /	DEF AT local marker planktic foram increase	DEF AT 3
9020 /	DEF AT local marker foram decrease	DEF AT 3
9260 /	POS AT reworked material	POS IN 2
9530 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9650 /	DEF AT local marker planktic foram increase	DEF IN 3
9680 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
9970 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10149 /	DEF AT pyrite	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 316	Date of Summary: 19-SEP-1972	First Sample Examined: 520
Lease Number: G01541	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10387
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10387
API Well Number: 177124004200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 520 - 10387	Water Depth: 295
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10150 /	DEF AT local marker planktic foram increase	DEF AT 4
10210 /	DEF AT faunal change (no faunal increase)	DEF IN 4
10270 /	DEF AT Bathysiphon fauna	DEF AT 5
10330 /	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 5
10356 /	DEF AT local marker planktic foram increase	DEF AT 5
10357 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
10387 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 317	Date of Summary: 06-AUG-1970	First Sample Examined: 1010
Lease Number: G01542	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13138
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13138
API Well Number: 177122002700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 1010 - 13130	Water Depth: 297
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 /	DEF AT first sample examined	POS AT 3
1011 /	DEF AT cement	POS AT 3
1730 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2060 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
2570 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
2600 /	DEF AT local marker planktic foram increase	DEF IN 4
3710 /	DEF AT local marker benthic foram increase	DEF AT 4
3740 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3770 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4400 /	DEF AT pyrite	DEF AT 4
5207 /	DEF AT cement	POS AT 4
6020 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6350 /	DEF AT local marker benthic foram increase	DEF AT 4
6380 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7690 /	DEF AT pyrite	DEF AT 4
8170 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9580 /	POS IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9610 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10000 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
10360 /	DEF AT pyrite	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 317	Date of Summary: 06-AUG-1970	First Sample Examined: 1010
Lease Number: G01542	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13138
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13138
API Well Number: 177122002700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 112
Paleo Report Num: 1 of 1	Sample Range: 1010 - 13130	Water Depth: 297
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10630 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
11710 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
11979 /	DEF AT Bathysiphon fauna	DEF IN 5
11980 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 5
12400 /	DEF AT Bathysiphon fauna	DEF IN 5
12495 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 5
12697 /	DEF AT salt	DEF IN 5
13130 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 319	Date of Summary: 04-DEC-1985	First Sample Examined: 0
Lease Number: G04458	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9817
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9647
API Well Number: 177124031000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 295
Public Info Code: Y 08-FEB-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6810 / 6810	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9150 / 9055	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 320	Date of Summary: 13-FEB-1973	First Sample Examined: 1160
Lease Number: G02144	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7033
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7033
API Well Number: 177124005300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1160 - 7018	Water Depth: 322
Public Info Code: Y 22-NOV-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1160 /	DEF AT first sample examined	POS AT 3
1161 /	DEF AT cement	POS AT 3
1340 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
1840 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2000 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
3150 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4200 /	DEF AT pyrite	DEF AT 3
4860 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5580 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5790 /	DEF AT pyrite	DEF AT 4
6300 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6990 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 4
7018 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 321	Date of Summary: 23-AUG-1984	First Sample Examined: 0
Lease Number: G05045	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12500
API Well Number: 177124030600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 315
Public Info Code: Y 19-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
6170 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9760 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
10520 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 322	Date of Summary: 16-DEC-1971	First Sample Examined: 3350
Lease Number: G01544	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10000
API Well Number: 177124002800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3350 - 10000	Water Depth: 311
Public Info Code: Y 16-SEP-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3350 /	DEF AT first sample examined	POS AT 3
3351 /	DEF AT cement	POS AT 3
3770 /	DEF AT - - - -	DEF AT 3
5480 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
6140 /	DEF AT local marker deep water fauna	DEF AT 5
6500 /	DEF AT poor sample interval top	POS AT 5
7040 /	DEF AT local marker deep water fauna	POS AT 5
8990 /	DEF AT limestone	POS AT 5
9380 /	DEF AT sample gap top	POS AT 5
9700 /	DEF AT sample gap bottom	POS AT 5
9979 /	DEF AT gypsum	POS AT 5
9980 /	POS AT salt	POS AT 5
9999 /	DEF AT poor sample interval bottom	POS AT 5
10000 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 326	Date of Summary: 28-FEB-1973	First Sample Examined: 1050
Lease Number: G02145	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10500
API Well Number: 177124005500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1050 - 10500	Water Depth: 331
Public Info Code: Y 07-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 /	DEF AT first sample examined	DEF IN 2
1365 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2040 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
3730 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4990 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
5030 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5665 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
7190 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7670 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7790 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7880 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8299 /	DEF AT pyrite	DEF AT 5
8300 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
8780 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9500 /	DEF AT local marker deep water fauna	DEF IN 5
9752 /	DEF AT Eggerella sp. (local marker)	DEF IN 5
9841 /	DEF AT foram flood	DEF AT 6
9842 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
10087 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 6
10117 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 6
10380 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 326	Date of Summary: 28-FEB-1973	First Sample Examined: 1050
Lease Number: G02145	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10500
API Well Number: 177124005500	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1050 - 10500	Water Depth: 331
Public Info Code: Y 07-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10470 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
10500 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 326	Date of Summary: 12-DEC-1977	First Sample Examined: 0
Lease Number: G02145	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9164
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9164
API Well Number: 177124016200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 320
Public Info Code: Y 07-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3940 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6940 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7180 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8850 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 326	Date of Summary: 21-FEB-1978	First Sample Examined: 0
Lease Number: G02145	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8019
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8019
API Well Number: 177124017500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 350
Public Info Code: Y 07-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4950 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7470 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7680 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 343	Date of Summary: 13-FEB-1973	First Sample Examined: 1090
Lease Number: G02147	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8196
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8196
API Well Number: 177124005000	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1090 - 8196	Water Depth: 349
Public Info Code: Y 11-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1090 /	DEF AT first sample examined	POS AT 3
1091 /	DEF AT cement	POS AT 3
1734 /	POS IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
2039 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3582 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4110 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia incisa	DEF AT 3
4462 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5478 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
6181 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
6729 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 4
6950 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7041 /	DEF AT local marker foram decrease	DEF AT 5
7085 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7397 /	POS IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
7398 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
7884 /	DEF AT Arenaceous fauna (local marker)	DEF IN 5
8150 /	DEF AT local marker deep water fauna	DEF IN 5
8196 /	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 343	Date of Summary: 11-JUN-1974	First Sample Examined: 1033
Lease Number: G02147	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11584
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11584
API Well Number: 177124005900	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1033 - 11584	Water Depth: 349
Public Info Code: Y 30-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1033 /	DEF AT first sample examined	DEF IN 2
1273 /	DEF AT local marker benthic foram increase	DEF IN 2
1993 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2233 /	DEF AT pyrite	DEF AT 3
3050 /	DEF AT cement	DEF AT 3
3970 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5090 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5850 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5955 /	DEF AT cement	POS AT 4
6938 /	DEF AT local marker benthic foram increase	DEF AT 4
6939 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7099 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7778 /	DEF IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
7779 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9320 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
9840 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10160 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
10680 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
10752 /	DEF AT cement	POS AT 5
11112 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
11192 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11272 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 343	Date of Summary: 11-JUN-1974	First Sample Examined: 1033
Lease Number: G02147	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11584
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 11584
API Well Number: 177124005900	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1033 - 11584	Water Depth: 349
Public Info Code: Y 30-NOV-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11312 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11392 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
11584 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 344	Date of Summary: 15-MAR-1973	First Sample Examined: 1160
Lease Number: G02148	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7112
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 7112
API Well Number: 177124005100	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1160 - 7112	Water Depth: 414
Public Info Code: Y 29-SEP-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1160 /	DEF AT first sample examined	POS AT 3
1161 /	DEF AT cement	POS AT 3
1248 /	POS AT local marker planktic foram increase	DEF AT 3
2349 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2350 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
3903 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4782 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4999 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6671 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6851 /	DEF AT local marker planktic foram increase	DEF AT 4
6895 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
7112 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: SS 362	Date of Summary: 11-FEB-1986	First Sample Examined: 0
Lease Number: G06761	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15026
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14988
API Well Number: 177124032700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 411
Public Info Code: Y 24-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2270 / 2270	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3230 / 3230	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT
5210 / 5210	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7580 / 7580	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
9410 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
9650 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10490 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
10610 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11510 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 11	Date of Summary: 30-DEC-1980	First Sample Examined: 3600
Lease Number: G04149	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15000
API Well Number: 177154036900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 3600 - 15010	Water Depth: 97
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3600 /	DEF AT first sample examined	DEF AT
3601 /	DEF IN cement	DEF AT
4259 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4260 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4440 /	DEF AT - - - - -	DEF AT 2
9600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9930 /	DEF AT - - - - -	DEF AT 2
10330 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
10720 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11350 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11530 /	DEF AT - - - - -	DEF AT 3
12669 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
12670 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
13090 /	DEF AT - - - - -	DEF AT 3
13570 /	DEF AT - - - - -	DEF AT 4
14020 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
14890 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
15010 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 21	Date of Summary: 04-AUG-1987	First Sample Examined: 10047
Lease Number: 00263	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 073	Paleo Done By: OPERATOR	Borehole TVD: 18000
API Well Number: 177150102100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 10047 - 18000	Water Depth: 46
Public Info Code: Y 07-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10047 /	DEF AT first sample examined	DEF AT 2
10390 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11290 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
13210 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
14290 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
16850 /	DEF AT - - - - -	DEF AT 4
16910 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
17220 /	DEF AT - - - - -	DEF AT 5
18000 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 22	Date of Summary: 04-AUG-1987	First Sample Examined: 8900
Lease Number: 00164	Source of Paleo: OPERATOR	Borehole MD: 14576
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14576
API Well Number: 177150079600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 8900 - 14540	Water Depth: 49
Public Info Code: Y 06-AUG-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8900 /	DEF AT first sample examined	DEF AT 2
9290 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
11240 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11570 /	DEF AT - - - - -	DEF AT 4
11780 /	DEF AT - - - - -	DEF AT 2
13280 /	DEF AT - - - - -	DEF AT 3
13370 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
13640 /	DEF AT - - - - -	DEF AT 4
13820 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
14540 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 30-MAY-1969	First Sample Examined: 10200
Lease Number: G01361	Source of Paleo: OPERATOR	Borehole MD: 12860
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12857
API Well Number: 177150107000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 10200 - 12280	Water Depth: 55
Public Info Code: Y 13-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10200 /	DEF AT first sample examined	DEF AT
10880 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10881 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12860 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 19-FEB-1969	First Sample Examined: 11220
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 14172
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13316
API Well Number: 177150107400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 11220 - 14160	Water Depth: 58
Public Info Code: Y 05-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11220 / 10695	DEF AT first sample examined	DEF AT
11310 / 10775	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11311 / 10776	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12330 / 11675	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
14160 / 13317	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 19-FEB-1969	First Sample Examined: 12140
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 13133
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12570
API Well Number: 177150108000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 12140 - 13160	Water Depth: 58
Public Info Code: Y 07-FEB-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12140 / 11658	DEF AT first sample examined	DEF AT
12400 / 11899	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
13160 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 14-NOV-1969	First Sample Examined: 11295
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 14130
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177152003400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 11295 - 13505	Water Depth: 55
Public Info Code: Y 21-DEC-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11295 / 10834	DEF AT first sample examined	DEF AT
11415 / 10949	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11416 / 10950	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12860 / 12340	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
13505 / 12972	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 13-OCT-1969	First Sample Examined: 10180
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 13642
Well Name: D002	Paleo Done By: OPERATOR	Borehole TVD: 13636
API Well Number: 177152003500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 10180 - 13610	Water Depth: 55
Public Info Code: Y 14-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10180 /	DEF AT first sample examined	DEF AT
10780 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10781 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11820 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
13610 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 15-DEC-1969	First Sample Examined: 10800
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 13720
Well Name: D004	Paleo Done By: OPERATOR	Borehole TVD: 13539
API Well Number: 177152003700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10800 - 13720	Water Depth: 55
Public Info Code: Y 04-JAN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10800 / 10663	DEF AT first sample examined	DEF AT
10950 / 10809	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10951 / 10810	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12250 / 12086	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
13720 / 13539	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 27-FEB-1970	First Sample Examined: 10311
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 14329
Well Name: D005	Paleo Done By: OPERATOR	Borehole TVD: 13919
API Well Number: 177152004600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10311 - 14271	Water Depth: 55
Public Info Code: Y 03-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10311 / 10080	DEF AT first sample examined	DEF AT
11150 / 10884	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11151 / 10885	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12253 / 11939	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
14271 / 13877	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 30-JAN-1970	First Sample Examined: 11536
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 12980
Well Name: D006	Paleo Done By: OPERATOR	Borehole TVD: 11290
API Well Number: 177152003800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 11536 - 12980	Water Depth: 55
Public Info Code: Y 03-FEB-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11536 / 10083	DEF AT first sample examined	DEF AT
11746 / 10264	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11747 / 10265	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12120 / 10588	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
12980 / 11342	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 31-MAR-1970	First Sample Examined: 10650
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 12480
Well Name: D010	Paleo Done By: OPERATOR	Borehole TVD: 11979
API Well Number: 177152005800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 10650 - 12460	Water Depth: 55
Public Info Code: Y 06-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10650 / 10228	DEF AT first sample examined	DEF AT
10651 / 10229	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10830 / 10403	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10831 / 10404	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
11250 / 10814	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
12460 / 12011	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 15-SEP-1970	First Sample Examined: 12490
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 13080
Well Name: D016	Paleo Done By: OPERATOR	Borehole TVD: 12796
API Well Number: 177152007000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 12490 - 13090	Water Depth: 55
Public Info Code: Y 05-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12490 / 12204	DEF AT first sample examined	DEF AT
12491 / 12205	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
13090 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 30-SEP-1970	First Sample Examined: 11480
Lease Number: G01870	Source of Paleo: OPERATOR	Borehole MD: 12467
Well Name: D024	Paleo Done By: OPERATOR	Borehole TVD: 11827
API Well Number: 177152010600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11480 - 12414	Water Depth: 55
Public Info Code: Y 23-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11480 / 10910	DEF AT first sample examined	DEF AT
11481 / 10911	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12414 / 11780	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 03-MAR-1975	First Sample Examined: 14830
Lease Number: G02620	Source of Paleo: OPERATOR	Borehole MD: 15090
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 12567
API Well Number: 177154009600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 14830 - 15100	Water Depth: 62
Public Info Code: Y 09-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14830 / 12413	DEF AT first sample examined	DEF AT
14860 / 12437	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
15100 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 19-MAY-1975	First Sample Examined: 12990
Lease Number: G02620	Source of Paleo: OPERATOR	Borehole MD: 14382
Well Name: E006	Paleo Done By: OPERATOR	Borehole TVD: 13916
API Well Number: 177154009800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 12990 - 14382	Water Depth: 62
Public Info Code: Y 20-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12990 / 12576	DEF AT first sample examined	DEF AT
13400 / 12974	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
14382 / 13915	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 26	Date of Summary: 05-JAN-1976	First Sample Examined: 13600
Lease Number: G02620	Source of Paleo: OPERATOR	Borehole MD: 14100
Well Name: E014	Paleo Done By: OPERATOR	Borehole TVD: 13060
API Well Number: 177154012500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 13600 - 14100	Water Depth: 62
Public Info Code: Y 14-JAN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13600 / 12638	DEF AT first sample examined	DEF AT
13720 / 12740	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
14100 / 13064	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 27	Date of Summary: 15-JUL-1973	First Sample Examined: 0
Lease Number: G01443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12250
Well Name: 019	Paleo Done By: OPERATOR	Borehole TVD: 12250
API Well Number: 177154005400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 10-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9663 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 27	Date of Summary: 10-DEC-1973	First Sample Examined: 0
Lease Number: G01443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12555
Well Name: 022	Paleo Done By: OPERATOR	Borehole TVD: 12118
API Well Number: 177154006900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 03-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10005 / 9673	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 27	Date of Summary: 20-OCT-1974	First Sample Examined: 0
Lease Number: G01443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12480
Well Name: 023	Paleo Done By: OPERATOR	Borehole TVD: 12118
API Well Number: 177154006601	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 10-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9984 / 9694	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 27	Date of Summary: 15-JUN-1976	First Sample Examined: 0
Lease Number: G01443	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14275
Well Name: 024	Paleo Done By: OPERATOR	Borehole TVD: 13643
API Well Number: 177154010700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 09-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9461 / 9457	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 28	Date of Summary: 28-AUG-1995	First Sample Examined: 0
Lease Number: G01362	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12300
Well Name: F003	Paleo Done By: OPERATOR	Borehole TVD: 11909
API Well Number: 177150061400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 11-JUN-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9332 / 9218	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 04-NOV-1975	First Sample Examined: 830
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17482
API Well Number: 177154097000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 830 - 15920	Water Depth: 50
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
830 /	DEF AT first sample examined	DEF AT 1
1309 /	DEF AT reefal material	DEF AT 1
1310 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2000 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2001 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2900 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
3770 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
3800 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
4070 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4100 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
4160 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4340 /	DEF AT faunal change (no faunal increase)	POS AT 2
4520 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6620 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 1
6980 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7130 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7580 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8000 /	DEF AT gray shale	DEF AT 1
8540 /	DEF AT limestone	DEF AT 1
9290 /	DEF AT unconformity	DEF AT 1
10010 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10160 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 04-NOV-1975	First Sample Examined: 830
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17482
API Well Number: 177154097000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 830 - 15920	Water Depth: 50
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10340 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
10700 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
10730 /	DEF AT local marker foram increase	DEF AT 3
10940 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11000 /	DEF AT faunal change (no faunal increase)	DEF AT 1
11120 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11420 /	DEF AT local marker foram increase	DEF AT 3
11510 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11630 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
11960 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 2
11990 /	DEF AT poor sample interval top	DEF AT 2
12080 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
12200 /	DEF AT poor sample interval bottom	DEF AT 2
12320 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12590 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12650 /	DEF AT Bathysiphon fauna	DEF AT 3
13130 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
13190 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
14240 /	DEF AT faunal change (no faunal increase)	DEF AT 2
14570 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 2
14780 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
15229 /	DEF AT local marker planktic foram increase	DEF AT 3
15230 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
15770 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 04-NOV-1975	First Sample Examined: 830
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17482
API Well Number: 177154097000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 830 - 15920	Water Depth: 50
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
15920 /	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 19-FEB-1976	First Sample Examined: 13900
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 17500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17482
API Well Number: 177154097000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 13900 - 17500	Water Depth: 50
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
13900 /	DEF AT first sample examined	DEF AT 3
13901 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
14530 /	DEF AT faunal change (no faunal increase)	DEF IN 2
14770 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
15250 /	DEF AT faunal change (no faunal increase)	DEF AT 3
15280 /	DEF AT Bathysiphon fauna	DEF AT 3
15760 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
15910 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
16390 /	DEF AT local marker benthic foram increase	DEF AT 3
16600 /	DEF AT local marker foram increase	DEF AT 3
16720 /	DEF AT deepwater facies Listerella fauna	DEF AT 3
16930 /	POS AT domal material	DEF AT
17260 /	DEF AT out-of-place section	DEF AT
17500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 22-MAR-1979	First Sample Examined: 420
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 15167
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15167
API Well Number: 177154026700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 420 - 15150	Water Depth: 53
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
420 /	DEF AT first sample examined	DEF AT 1
1540 /	DEF AT reefal material	DEF AT 1
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2200 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2740 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
2860 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3699 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
3700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
3940 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
4240 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4300 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
4480 /	DEF AT faunal change (no faunal increase)	DEF AT 1
6820 /	DEF AT Arenaceous fauna (local marker)	DEF AT 1
7000 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
7240 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
8170 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
9700 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9730 /	DEF AT local marker benthic foram increase	DEF IN 2
9940 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9970 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10270 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11310 /	DEF AT faunal change (no faunal increase)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 22-MAR-1979	First Sample Examined: 420
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 15167
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15167
API Well Number: 177154026700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 420 - 15150	Water Depth: 53
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11400 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
11555 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11700 /	DEF AT faunal change (no faunal increase)	DEF IN 2
12180 /	POS AT Cyclammina sp. (local marker)	DEF AT 2
12210 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12240 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12449 /	DEF AT Bathysiphon fauna	DEF AT 3
12450 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
12540 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
12750 /	DEF AT faunal change (no faunal increase)	DEF AT 2
12900 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12960 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
13230 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 3
14220 /	DEF AT faunal change (no faunal increase)	DEF AT 2
14319 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
14520 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
14550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
14610 /	DEF AT local marker foram increase	DEF AT 3
14730 /	DEF AT faunal change (no faunal increase)	DEF IN 2
14910 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14970 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
15150 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 30	Date of Summary: 21-AUG-1979	First Sample Examined: 9040
Lease Number: G02622	Source of Paleo: OPERATOR	Borehole MD: 14370
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14370
API Well Number: 177154029900	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9040 - 14365	Water Depth: 50
Public Info Code: Y 13-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9040 /	DEF AT first sample examined	DEF AT 2
9697 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
9980 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
10045 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10866 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10958 /	DEF AT sand	DEF AT 3
11230 /	DEF AT local marker benthic foram increase	DEF AT 3
11770 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12130 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
12458 /	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13150 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
13240 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
13300 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13776 /	DEF AT Bathysiphon fauna	DEF AT 5
13869 /	DEF AT faunal change (no faunal increase)	DEF AT 4
14365 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 31	Date of Summary: 26-NOV-1975	First Sample Examined: 8980
Lease Number: G02623	Source of Paleo: OPERATOR	Borehole MD: 15570
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15542
API Well Number: 177154008900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 126
Paleo Report Num: 1 of 2	Sample Range: 8980 - 15550	Water Depth: 49
Public Info Code: Y 26-FEB-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8980 /	DEF AT first sample examined	DEF AT 2
9700 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9940 /	DEF AT - - - - -	DEF AT 3
10090 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10240 /	DEF AT - - - - -	DEF AT 3
10900 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11380 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11470 /	DEF AT local marker foram increase	DEF AT 4
11630 /	DEF AT - - - - -	DEF AT 3
11830 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12580 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
12670 /	DEF AT - - - - -	DEF AT 3
13030 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
13330 /	DEF AT - - - - -	DEF AT 4
13420 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13600 /	DEF AT - - - - -	DEF AT 3
13900 /	DEF AT - - - - -	DEF AT 4
14740 /	DEF AT local marker (general)	DEF AT 3
15130 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
15280 /	DEF AT local marker foram increase	DEF AT 5
15460 /	DEF AT - - - - -	DEF AT 4
15550 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 31	Date of Summary: 02-DEC-1975	First Sample Examined: 9490
Lease Number: G02623	Source of Paleo: OPERATOR	Borehole MD: 15570
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15542
API Well Number: 177154008900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 126
Paleo Report Num: 2 of 2	Sample Range: 9490 - 15570	Water Depth: 49
Public Info Code: Y 26-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9490 /	DEF AT first sample examined	DEF IN 2
9580 /	DEF AT - - - - -	DEF AT 3
9880 /	DEF AT - - - - -	DEF AT 4
10090 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11860 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13360 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15570 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 31	Date of Summary: 23-SEP-1975	First Sample Examined: 9000
Lease Number: G02623	Source of Paleo: OPERATOR	Borehole MD: 17005
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17005
API Well Number: 177154010900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 9000 - 17010	Water Depth: 49
Public Info Code: Y 26-FEB-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF AT 3
9780 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10110 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10980 /	DEF AT - - - - -	DEF AT 3
11100 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
11850 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13050 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14460 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
14730 /	DEF AT - - - - -	DEF AT 4
15120 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15480 /	DEF AT - - - - -	DEF AT 4
15690 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16200 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
16768 /	DEF AT fault	DEF AT 6
16769 /	DEF AT unconformity	DEF AT 6
16770 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 6
16890 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
17010 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 31	Date of Summary: 24-OCT-1975	First Sample Examined: 9000
Lease Number: G02623	Source of Paleo: OPERATOR	Borehole MD: 17005
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17005
API Well Number: 177154010900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 9000 - 17010	Water Depth: 49
Public Info Code: Y 26-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	DEF AT first sample examined	DEF IN 3
10410 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
11250 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
11880 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
13110 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15720 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
17010 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 31	Date of Summary: 10-FEB-1976	First Sample Examined: 8980
Lease Number: G02623	Source of Paleo: OPERATOR	Borehole MD: 15520
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14136
API Well Number: 177154008901	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 126
Paleo Report Num: 1 of 2	Sample Range: 8980 - 13520	Water Depth: 49
Public Info Code: Y 26-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8980 / 8899	DEF AT first sample examined	DEF IN 2
10060 / 9748	DEF AT - - - - -	DEF AT 4
10450 / 10055	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11350 / 10773	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12760 / 11935	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13520 / 12568	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 31	Date of Summary: 10-FEB-1976	First Sample Examined: 12980
Lease Number: G02623	Source of Paleo: OPERATOR	Borehole MD: 15520
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14136
API Well Number: 177154008901	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 126
Paleo Report Num: 2 of 2	Sample Range: 12980 - 15520	Water Depth: 49
Public Info Code: Y 26-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12980 / 12114	DEF AT first sample examined	DEF AT 4
13510 / 12560	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14380 / 13236	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15520 / 14141	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 32	Date of Summary: 06-JAN-1976	First Sample Examined: 9000
Lease Number: G03172	Source of Paleo: OPERATOR	Borehole MD: 14470
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14182
API Well Number: 177154011900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 134
Paleo Report Num: 1 of 2	Sample Range: 9000 - 14480	Water Depth: 48
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8998	DEF AT first sample examined	DEF AT 2
9090 / 9088	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
9950 / 9947	DEF AT - - - -	DEF AT 4
10010 / 10007	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10790 / 10786	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12020 / 12015	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13280 / 13273	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14480 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 32	Date of Summary: 12-JAN-1976	First Sample Examined: 9020
Lease Number: G03172	Source of Paleo: OPERATOR	Borehole MD: 14470
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14182
API Well Number: 177154011900	Drilling Operator: OXY PETROLEUM INC	Rkb Elevation: 134
Paleo Report Num: 2 of 2	Sample Range: 9020 - 14470	Water Depth: 48
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 9018	DEF AT first sample examined	DEF AT 2
9830 / 9827	DEF AT - - - - -	DEF IN 2
9950 / 9947	POS AT Cyclammina sp. (local marker)	DEF AT 4
10159 / 10156	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
10160 / 10157	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 4
10970 / 10966	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11300 / 11295	DEF AT Eggerella sp. (local marker)	DEF IN 3
11990 / 11985	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13220 / 13213	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
13370 / 13362	DEF AT - - - - -	DEF AT 4
13760 / 13751	DEF AT local marker foram increase	DEF IN 4
13910 / 13901	DEF AT - - - - -	DEF AT 4
14470 / 14460	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 35	Date of Summary: 10-FEB-1977	First Sample Examined: 8800
Lease Number: G03336	Source of Paleo: OPERATOR	Borehole MD: 16954
Well Name: D001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16954
API Well Number: 177154013700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 8800 - 16954	Water Depth: 46
Public Info Code: Y 26-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8800 /	DEF AT first sample examined	DEF IN 2
9790 /	DEF AT - - - - -	DEF AT 3
9940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
10450 /	DEF AT - - - - -	DEF AT 4
10840 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12160 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13510 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14910 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
16090 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
16954 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 35	Date of Summary: 02-DEC-1976	First Sample Examined: 9510
Lease Number: G03336	Source of Paleo: OPERATOR	Borehole MD: 18050
Well Name: E001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18002
API Well Number: 177154014800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 9510 - 18050	Water Depth: 50
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9510 / 9503	DEF AT first sample examined	DEF AT 3
9690 / 9683	DEF AT - - - - -	DEF AT 4
9930 / 9922	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10770 / 10761	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11970 / 11957	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13290 / 13273	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15500 / 15473	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16010 / 15980	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
16640 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
18050 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 36	Date of Summary: 18-FEB-1975	First Sample Examined: 9010
Lease Number: G02624	Source of Paleo: OPERATOR	Borehole MD: 16544
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16544
API Well Number: 177154009900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 9010 - 16540	Water Depth: 57
Public Info Code: Y 16-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9010 /	DEF AT first sample examined	DEF AT 3
9011 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9700 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10360 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12490 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13720 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
16540 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 36	Date of Summary: 03-OCT-1975	First Sample Examined: 9070
Lease Number: G02624	Source of Paleo: OPERATOR	Borehole MD: 16853
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16701
API Well Number: 177154010000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 9070 - 16830	Water Depth: 57
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9070 / 9069	DEF AT first sample examined	DEF IN 3
9530 / 9529	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10670 / 10669	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12890 / 12888	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13970 / 13966	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15470 / 15442	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16650 / 16526	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
16710 / 16578	DEF AT - - - -	DEF AT 5
16830 / 16681	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 37	Date of Summary: 10-DEC-1974	First Sample Examined: 9020
Lease Number: G02625	Source of Paleo: OPERATOR	Borehole MD: 15454
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15454
API Well Number: 177154008800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 9020 - 15440	Water Depth: 55
Public Info Code: Y 16-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 9019	DEF AT first sample examined	DEF IN 2
9560 / 9559	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10610 / 10609	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12260 / 12258	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13610 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15020 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15440 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 37	Date of Summary: 03-DEC-1975	First Sample Examined: 9480
Lease Number: G02625	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14500
API Well Number: 177154011700	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 9480 - 14490	Water Depth: 55
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9480 /	DEF AT first sample examined	DEF IN 2
9750 /	DEF AT - - - - -	DEF AT 3
10260 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10830 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12930 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14100 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14490 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 37	Date of Summary: 05-MAR-1976	First Sample Examined: 8990
Lease Number: G02625	Source of Paleo: OPERATOR	Borehole MD: 15764
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15195
API Well Number: 177154011100	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 8990 - 15770	Water Depth: 57
Public Info Code: Y 26-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8990 / 8564	DEF AT first sample examined	DEF IN 2
10150 / 9631	DEF AT - - - - -	DEF AT 4
10450 / 9911	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11200 / 10639	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12790 / 12222	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14080 / 13512	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15770 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 37	Date of Summary: 17-MAY-1976	First Sample Examined: 9020
Lease Number: G02625	Source of Paleo: OPERATOR	Borehole MD: 15411
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14799
API Well Number: 177154012800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 9020 - 15410	Water Depth: 56
Public Info Code: Y 06-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 8622	DEF AT first sample examined	DEF IN 3
10280 / 9812	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11390 / 10853	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12650 / 12052	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
13550 / 12943	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14990 / 14380	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
15410 / 14799	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 37	Date of Summary: 16-AUG-1976	First Sample Examined: 9500
Lease Number: G02625	Source of Paleo: OPERATOR	Borehole MD: 15457
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14747
API Well Number: 177154014000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 9500 - 15460	Water Depth: 50
Public Info Code: Y 03-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9500 / 9124	DEF AT first sample examined	DEF IN 2
9950 / 9545	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10820 / 10354	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
13520 / 12898	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
15320 / 14625	DEF AT local marker (general)	DEF AT 4
15321 / 14626	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
15430 / 14731	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
15460 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 38	Date of Summary: 25-AUG-1982	First Sample Examined: 9000
Lease Number: G02626	Source of Paleo: OPERATOR	Borehole MD: 12775
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12775
API Well Number: 177154045500	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 9000 - 12775	Water Depth: 52
Public Info Code: Y 27-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF IN 2
9660 /	DEF AT - - - - -	DEF AT 3
10320 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11250 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12715 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
12775 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 38	Date of Summary: 19-FEB-1981	First Sample Examined: 0
Lease Number: G02626	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14040
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14013
API Well Number: 177154035200	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 57
Public Info Code: Y 27-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9790 / 9788	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10810 / 10796	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12100 / 12076	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 39	Date of Summary: 09-JUN-1982	First Sample Examined: 1000
Lease Number: G03590	Source of Paleo: OPERATOR	Borehole MD: 16266
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16264
API Well Number: 177154019900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 3	Sample Range: 1000 - 16170	Water Depth: 65
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT 1
2530 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3499 /	DEF AT glauconite	DEF AT 1
3500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
3859 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
3860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6880 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
10279 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
10280 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
10530 /	DEF AT local marker benthic foram increase	DEF AT 2
11220 /	DEF AT - - - - -	DEF AT 1
11300 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
12460 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
13150 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 1
13360 /	DEF AT - - - - -	DEF AT 2
13839 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
13840 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
14500 /	DEF AT - - - - -	DEF AT 2
15510 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
15870 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 2
16170 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 39	Date of Summary: 21-MAR-1985	First Sample Examined: 6520
Lease Number: G03590	Source of Paleo: OPERATOR	Borehole MD: 16266
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16264
API Well Number: 177154019900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 3	Sample Range: 1000 - 16170	Water Depth: 65
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report, nannospecies abundance chart available, see report for details

MD / TVD	Paleo Top Description	Ecozone
6520 /	DEF AT first sample examined	DEF AT
6970 /	POS IN Middle Pleistocene (Ionian) Pseudoemiliana ovata	DEF AT
8180 /	POS AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
8870 /	POS AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
9800 /	POS AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
14140 /	POS AT Upper Miocene (Tortonian) Discoaster neohamatus	DEF AT
16170 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 39	Date of Summary: 06-SEP-1985	First Sample Examined: 1000
Lease Number: G03590	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16266
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16264
API Well Number: 177154019900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 3	Sample Range: 1000 - 16200	Water Depth: 65
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS IN 1
1480 /	POS AT local marker benthic foram increase	DEF IN 1
1660 /	DEF AT local marker foram decrease	DEF IN 1
2410 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2499 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2500 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
2530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
2920 /	DEF AT local marker foram decrease	DEF AT 2
3500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3890 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4100 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4189 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4190 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4460 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 3
5120 /	DEF AT local marker foram decrease	DEF AT 3
6970 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 2
7630 /	DEF AT local marker foram decrease	DEF AT 2
8960 /	DEF AT local marker foram increase	DEF IN 2
9410 /	POS IN Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF IN 2
9530 /	DEF AT local marker foram decrease	DEF IN 2
10190 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
10280 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 39	Date of Summary: 06-SEP-1985	First Sample Examined: 1000
Lease Number: G03590	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16266
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16264
API Well Number: 177154019900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 105
Paleo Report Num: 3 of 3	Sample Range: 1000 - 16200	Water Depth: 65
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
10490 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
10980 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
12490 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13149 /	DEF IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
13150 /	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
13330 /	DEF AT poor sample interval top	DEF AT 3
13356 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
13900 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
14770 /	DEF AT local marker benthic foram increase	DEF AT 4
15510 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
15870 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
16080 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
16169 /	DEF AT poor sample interval bottom	DEF AT 4
16170 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 44	Date of Summary: 20-SEP-1984	First Sample Examined: 0
Lease Number: G05592	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 4950
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 4950
API Well Number: 177154058000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 81
Public Info Code: Y 19-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2170 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
3820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4090 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
4340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4510 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 48	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G04880	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13242
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12260
API Well Number: 177154048900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4573 / 4308	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6154 / 5731	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10800 / 9892	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 59	Date of Summary: 07-JUL-1980	First Sample Examined: 4300
Lease Number: G02927	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16721
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 16721
API Well Number: 177154022800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4300 - 17120	Water Depth: 83
Public Info Code: Y 01-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4300 /	DEF AT first sample examined	POS AT 2
4360 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4720 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
4780 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4870 /	DEF AT local marker foram decrease	DEF AT 3
5050 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5530 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6230 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
7670 /	DEF AT pyrite	DEF AT 2
8870 /	DEF AT pyrite	DEF AT 2
8930 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
9350 /	DEF AT glauconite	DEF AT 3
9980 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
10190 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
11539 /	DEF AT Bathysiphon fauna	DEF AT 3
11540 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
12230 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
12350 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
12380 /	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
12499 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
12500 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 59	Date of Summary: 07-JUL-1980	First Sample Examined: 4300
Lease Number: G02927	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16721
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 16721
API Well Number: 177154022800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4300 - 17120	Water Depth: 83
Public Info Code: Y 01-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
12949 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12950 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
14180 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 4
14420 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
14450 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
14510 /	DEF AT local marker deep water fauna	DEF AT 5
14960 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
15499 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 5
15500 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 5
15800 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
16878 /	DEF AT foram flood	DEF AT 5
16879 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
16880 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
17000 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
17120 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 59	Date of Summary: 07-JUL-1980	First Sample Examined: 16820
Lease Number: G02927	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16721
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 16721
API Well Number: 177154022800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 16820 - 19580	Water Depth: 83
Public Info Code: Y 01-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
16820 /	DEF AT first sample examined	DEF AT 4
16821 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
17000 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 4
17090 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
17180 /	DEF AT local marker benthic foram increase	DEF AT 4
17300 /	DEF AT local marker foram decrease	DEF AT 4
17510 /	DEF AT local marker benthic foram increase	DEF AT 5
17810 /	DEF AT local marker foram decrease	DEF AT 5
17840 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
18470 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 5
19190 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
19370 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 5
19550 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF IN 5
19580 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 67	Date of Summary: 14-DEC-1971	First Sample Examined: 0
Lease Number: 00020	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16210
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16210
API Well Number: 177154002400	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 54
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 17-MAR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11119 /	DEF AT Cyclammia cancellata (local marker)	DEF AT
14430 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 69	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G05116	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9381
API Well Number: 177154050200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 09-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5800 / 5015	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9900 / 8019	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 70	Date of Summary: 09-JUN-1983	First Sample Examined: 0
Lease Number: G04883	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15690
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15286
API Well Number: 177154049100	Drilling Operator: AMINOIL INC.	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5299	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7340 / 7337	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14500 / 14480	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
15810 / 15785	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 72	Date of Summary: 27-FEB-1970	First Sample Examined: 12290
Lease Number: G01244	Source of Paleo: OPERATOR	Borehole MD: 17700
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 17458
API Well Number: 177150002200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 12290 - 17700	Water Depth: 60
Public Info Code: Y 17-MAR-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12290 / 12145	DEF AT first sample examined	DEF AT
14600 / 14424	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14601 / 14425	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
16400 / 16178	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
17700 / 17458	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 72	Date of Summary: 29-SEP-1969	First Sample Examined: 3950
Lease Number: G01244	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18000
Well Name: A010	Paleo Done By: LEE LATTA	Borehole TVD: 18000
API Well Number: 177150091600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3500 - 18000	Water Depth: 60
Public Info Code: Y 31-JUL-1969	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 2
3950 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 2
3980 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4070 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
4130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4910 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5180 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5500 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5530 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7720 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
9640 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10630 /	DEF AT Eggerella sp. (local marker)	DEF IN 2
10990 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
11550 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11610 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 3
12360 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
12570 /	DEF AT Bathysiphon fauna	DEF AT 4
12630 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
12780 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
13170 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
13690 /	DEF AT local marker deep water fauna	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 72	Date of Summary: 29-SEP-1969	First Sample Examined: 3950
Lease Number: G01244	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18000
Well Name: A010	Paleo Done By: LEE LATTA	Borehole TVD: 18000
API Well Number: 177150091600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3500 - 18000	Water Depth: 60
Public Info Code: Y 31-JUL-1969	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
14050 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14250 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
14730 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
15720 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
15870 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
16240 /	DEF AT local marker benthic foram increase	DEF AT 4
16480 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
17000 /	POS IN Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
17540 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
17960 /	DEF AT pyrite	DEF AT 4
18000 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 72	Date of Summary: 15-OCT-1969	First Sample Examined: 12690
Lease Number: G01551	Source of Paleo: OPERATOR	Borehole MD: 19784
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 19533
API Well Number: 177154008200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 12690 - 19790	Water Depth: 60
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14850 / 14597	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14851 / 14598	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
16700 / 16444	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 75	Date of Summary: 29-MAR-1979	First Sample Examined: 6000
Lease Number: G01552	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16003
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 16003
API Well Number: 177150102900	Drilling Operator: CONOCO INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 6000 - 16000	Water Depth: 64
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 /	DEF AT first sample examined	DEF IN 2
6030 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
6480 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
9330 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10800 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11220 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
11520 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11640 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
13590 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
14340 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
16000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 76	Date of Summary: 29-JAN-1988	First Sample Examined: 0
Lease Number: 00603	Source of Paleo: OPERATOR	Borehole MD: 15082
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15082
API Well Number: 177150047500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 59
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 31-AUG-1960	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 77	Date of Summary: 27-APR-1961	First Sample Examined: 9000
Lease Number: 00833	Source of Paleo: OPERATOR	Borehole MD: 16020
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16020
API Well Number: 177150047200	Drilling Operator: SINCLAIR OIL AND GAS COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 9000 - 15090	Water Depth: 65
Public Info Code: Y 27-FEB-1961	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF AT 2
9180 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
9360 /	POS AT Cyclammina sp. (local marker)	DEF AT 3
12490 /	DEF AT cement	POS AT 3
13090 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13610 /	DEF AT - - - - -	DEF AT 3
14839 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
14840 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
14930 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
15090 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 86	Date of Summary: 25-FEB-1970	First Sample Examined: 8000
Lease Number: 00605	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17081
API Well Number: 177152004100	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 44
Paleo Report Num: 1 of 1	Sample Range: 8000 - 17100	Water Depth: 92
Public Info Code: Y 11-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT
9188 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13409 /	DEF AT Cyclammina sp. (local marker)	DEF AT
14455 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
14954 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
16353 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
16710 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
17100 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 86	Date of Summary: 02-DEC-1976	First Sample Examined: 0
Lease Number: 00605	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15624
Well Name: B009	Paleo Done By: OPERATOR	Borehole TVD: 15585
API Well Number: 177154014300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 92
Public Info Code: Y 08-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4999	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7297 / 7294	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8880 / 8875	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12840 / 12828	DEF IN Eggerella sp. (local marker)	DEF AT
15109 / 15078	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT
15319 / 15285	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 87	Date of Summary: 15-JUN-1984	First Sample Examined: 0
Lease Number: G03592	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14510
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14504
API Well Number: 177154049700	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 102
Public Info Code: Y 10-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 / 8988	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12710 / 12707	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 108	Date of Summary: 21-APR-1972	First Sample Examined: 5000
Lease Number: G02135	Source of Paleo: OPERATOR	Borehole MD: 16186
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16186
API Well Number: 177154002500	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 5000 - 16170	Water Depth: 65
Public Info Code: Y 30-NOV-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 2
5479 /	DEF AT glauconite	DEF AT 3
5480 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6710 /	DEF AT - - - - -	DEF AT 4
6739 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6740 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
7310 /	DEF AT - - - - -	DEF IN 2
7730 /	DEF AT - - - - -	DEF IN 3
8150 /	DEF AT - - - - -	DEF AT 2
10460 /	DEF AT - - - - -	DEF AT 3
10730 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 3
13420 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
14620 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
15809 /	DEF AT Bathysiphon fauna	DEF IN 4
15810 /	DEF IN Eggerella 3 (local marker)	DEF IN 4
16170 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 108	Date of Summary: 07-APR-1972	First Sample Examined: 6000
Lease Number: G02135	Source of Paleo: OPERATOR	Borehole MD: 16535
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16535
API Well Number: 177154002600	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 6000 - 16535	Water Depth: 65
Public Info Code: Y 30-NOV-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	POS AT 4
6318 /	DEF AT glauconite	DEF AT 4
6319 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6320 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
6760 /	DEF AT - - - - -	DEF AT 3
7200 /	DEF AT - - - - -	DEF IN 2
9930 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 3
11649 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
11650 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
12250 /	DEF AT sample gap top	POS AT 4
12280 /	DEF AT sample gap bottom	DEF AT 4
15820 /	DEF AT - - - - -	DEF IN 4
15909 /	DEF AT Bathysiphon fauna	DEF IN 4
15910 /	DEF IN Eggerella 3 (local marker)	DEF IN 4
16330 /	DEF AT - - - - -	DEF AT 5
16535 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 108	Date of Summary: 15-MAY-1976	First Sample Examined: 0
Lease Number: G02135	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12700
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12700
API Well Number: 177154010300	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 70
Public Info Code: Y 30-NOV-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5480 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6740 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10730 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 111	Date of Summary: 01-OCT-1971	First Sample Examined: 5000
Lease Number: G01559	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15710
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15710
API Well Number: 177154000800	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5000 - 15710	Water Depth: 48
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	POS IN 2
5001 /	DEF AT cement	POS IN 2
5060 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
5150 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5210 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5390 /	DEF AT glauconite	DEF AT 3
5570 /	DEF AT glauconite	DEF AT 3
6200 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
6470 /	POS IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
6799 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6800 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6980 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7730 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
7760 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10700 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
12140 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
13280 /	DEF AT pyrite	DEF AT 4
13369 /	DEF AT Bathysiphon fauna	DEF AT 5
13370 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
13820 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
14059 /	DEF AT Bathysiphon fauna	DEF AT 5
14060 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 111	Date of Summary: 01-OCT-1971	First Sample Examined: 5000
Lease Number: G01559	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15710
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 15710
API Well Number: 177154000800	Drilling Operator: CONOCO INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5000 - 15710	Water Depth: 48
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14600 /	DEF AT Bathysiphon fauna	DEF AT 5
14900 /	DEF AT local marker planktic foram increase	DEF AT 5
15530 /	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
15710 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 111	Date of Summary: 26-MAY-1972	First Sample Examined: 4060
Lease Number: G01559	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17105
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 17105
API Well Number: 177154002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 4060 - 17105	Water Depth: 62
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 /	DEF AT first sample examined	DEF AT 3
4061 /	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4062 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4420 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4480 /	DEF AT local marker benthic foram increase	DEF IN 2
4510 /	POS AT local marker foram decrease	DEF AT 2
4630 /	POS AT local marker foram increase	DEF IN 2
4749 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4750 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
5170 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5260 /	POS AT local marker foram decrease	DEF IN 2
5320 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5410 /	POS AT local marker foram increase	DEF IN 2
5470 /	DEF AT local marker foram increase	DEF AT 3
5860 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6310 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6340 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6400 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
6430 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6490 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF IN 3
7000 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7030 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 111	Date of Summary: 26-MAY-1972	First Sample Examined: 4060
Lease Number: G01559	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17105
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 17105
API Well Number: 177154002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 4060 - 17105	Water Depth: 62
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7120 /	DEF AT faunal change (no faunal increase)	DEF IN 3
7720 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
7780 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
7810 /	POS AT reworked material	POS AT 4
8079 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
8080 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
8260 /	POS AT local marker foram decrease	DEF AT 3
8350 /	DEF AT local marker foram decrease	DEF IN 2
8800 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF IN 2
9280 /	DEF AT local marker foram decrease	DEF AT 2
9340 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
9430 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
9760 /	DEF AT local marker planktic foram increase	DEF IN 2
10120 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 2
11050 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11080 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11109 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
11110 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11170 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11590 /	DEF AT local marker foram decrease	DEF IN 2
12070 /	DEF AT local marker benthic foram increase	DEF IN 2
12340 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
12550 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 2
12880 /	DEF AT poor sample interval top	POS IN 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 111	Date of Summary: 26-MAY-1972	First Sample Examined: 4060
Lease Number: G01559	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17105
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 17105
API Well Number: 177154002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 2	Sample Range: 4060 - 17105	Water Depth: 62
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13660 /	DEF AT Cyclammina cancellata (local marker)	POS AT 5
13990 /	POS IN Upper Miocene (Messinian) Textularia "X"	POS AT 4
14139 /	DEF AT Bathysiphon fauna	DEF IN 4
14140 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 4
14290 /	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
14709 /	DEF AT poor sample interval bottom	DEF AT 4
14710 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14770 /	POS AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
14980 /	DEF AT Cyclammina cancellata (local marker)	POS AT 4
15010 /	DEF AT sample gap top	POS AT 4
15219 /	DEF AT sample gap bottom	POS AT 4
15220 /	DEF AT poor sample interval top	POS AT 4
15939 /	DEF AT poor sample interval bottom	DEF AT 4
15940 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
16070 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF IN 4
16250 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
16880 /	DEF AT local marker foram increase	DEF AT 5
16900 /	DEF AT poor sample interval top	POS AT 5
17080 /	DEF AT Bathysiphon fauna	DEF AT 5
17104 /	DEF AT poor sample interval bottom	POS AT 5
17105 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 111	Date of Summary: 08-NOV-1972	First Sample Examined: 10150
Lease Number: G01559	Source of Paleo: OPERATOR	Borehole MD: 17105
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17105
API Well Number: 177154002200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4060 - 17105	Water Depth: 62
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 /	DEF AT first sample examined	DEF AT
10150 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11170 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12400 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16930 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
17105 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 128	Date of Summary: 08-JAN-1988	First Sample Examined: 11000
Lease Number: 00498	Source of Paleo: OPERATOR	Borehole MD: 15435
Well Name: R001	Paleo Done By: OPERATOR	Borehole TVD: 15435
API Well Number: 177150101400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 11000 - 15420	Water Depth: 112
Public Info Code: Y 14-APR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11000 /	DEF AT first sample examined	DEF AT 3
12080 /	DEF AT -----	DEF AT 2
12200 /	DEF AT -----	DEF AT 3
12410 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13040 /	DEF AT -----	DEF AT 2
13570 /	DEF AT -----	DEF AT 3
14230 /	DEF AT -----	DEF AT 2
15270 /	DEF AT -----	DEF AT 3
15420 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 134	Date of Summary: 08-JAN-1988	First Sample Examined: 8000
Lease Number: 00461	Source of Paleo: OPERATOR	Borehole MD: 13800
Well Name: S001	Paleo Done By: OPERATOR	Borehole TVD: 13793
API Well Number: 177150103000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13800	Water Depth: 120
Public Info Code: Y 29-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8000 /	DEF AT first sample examined	DEF AT 4
8900 /	DEF AT -----	DEF AT 3
9660 /	DEF AT -----	DEF AT 2
10900 /	DEF AT -----	DEF AT 3
11150 /	DEF AT -----	DEF AT 2
11340 /	DEF AT -----	DEF AT 3
11820 /	DEF AT -----	DEF AT 4
11960 /	DEF AT -----	DEF AT 3
12860 /	DEF AT -----	DEF AT 4
13014 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13040 /	DEF AT -----	DEF AT 3
13800 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 135	Date of Summary: 08-JAN-1988	First Sample Examined: 9710
Lease Number: 00462	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: Q001	Paleo Done By: OPERATOR	Borehole TVD: 16495
API Well Number: 177150102300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 8000 - 16500	Water Depth: 107
Public Info Code: Y 15-MAY-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9710 /	DEF AT first sample examined	DEF AT 3
10170 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11150 /	DEF AT -----	DEF AT 2
11520 /	DEF AT -----	DEF AT 3
12050 /	DEF AT -----	DEF AT 2
12550 /	DEF AT -----	DEF AT 3
12780 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13180 /	DEF AT -----	DEF AT 2
13650 /	DEF AT -----	DEF AT 3
13950 /	DEF AT -----	DEF AT 2
14550 /	DEF AT -----	DEF AT 3
15630 /	DEF AT -----	DEF AT 2
15880 /	DEF AT -----	DEF AT 3
16500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 140	Date of Summary: 16-JAN-1970	First Sample Examined: 5000
Lease Number: G01562	Source of Paleo: OPERATOR	Borehole MD: 17180
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17180
API Well Number: 177152002900	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 5000 - 17170	Water Depth: 87
Public Info Code: Y 07-OCT-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT
5001 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5215 /	DEF AT glauconite	DEF AT
5216 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6464 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10353 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
10477 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11690 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
13270 /	DEF AT Arenaceous fauna (local marker)	DEF AT
15760 /	POS AT Cyclammina cancellata (local marker)	DEF AT
15970 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
17140 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 148	Date of Summary: 08-JAN-1988	First Sample Examined: 10510
Lease Number: G01898	Source of Paleo: OPERATOR	Borehole MD: 13139
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 13138
API Well Number: 177152000800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 7000 - 13138	Water Depth: 105
Public Info Code: Y 03-OCT-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10510 / 10509	DEF AT first sample examined	DEF AT 2
10780 / 10779	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
11050 / 11049	DEF AT - - - - -	DEF AT 3
11140 / 11139	DEF AT - - - - -	DEF AT 2
12400 / 12399	DEF AT - - - - -	DEF AT 4
13120 / 13119	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 148	Date of Summary: 10-MAR-1970	First Sample Examined: 6000
Lease Number: G01898	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12900
Well Name: B002	Paleo Done By: LEE LATTA	Borehole TVD: 12802
API Well Number: 177152002800	Drilling Operator: CONOCO INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 6000 - 12960	Water Depth: 105
Public Info Code: Y 06-NOV-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5868	DEF AT first sample examined	DEF AT 3
6001 / 5869	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6240 / 6102	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6960 / 6808	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7530 / 7369	DEF AT pyrite	DEF AT 3
7650 / 7487	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8430 / 8252	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
8730 / 8542	DEF AT pyrite	DEF AT 4
11820 / 11583	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11940 / 11702	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
12180 / 11942	DEF AT local marker foram decrease	DEF AT 5
12270 / 12031	DEF AT local marker benthic foram increase	DEF AT 5
12570 / 12330	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
12960 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 148	Date of Summary: 14-AUG-1970	First Sample Examined: 5000
Lease Number: G01960	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16033
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16033
API Well Number: 177152006000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5000 - 16033	Water Depth: 110
Public Info Code: Y 23-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 3
5001 /	DEF IN local marker benthic foram increase	DEF AT 3
5090 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5630 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5660 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5870 /	DEF AT local marker benthic foram increase	DEF AT 3
6110 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
6410 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
7010 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8060 /	DEF AT local marker foram decrease	DEF AT 3
8270 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
8300 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8360 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8630 /	DEF AT pyrite	DEF AT 4
8809 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8810 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11210 /	DEF AT pyrite	DEF AT 4
11390 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
11570 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
12050 /	DEF AT pyrite	DEF AT 4
12620 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12650 /	DEF AT pyrite	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 148	Date of Summary: 14-AUG-1970	First Sample Examined: 5000
Lease Number: G01960	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16033
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16033
API Well Number: 177152006000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5000 - 16033	Water Depth: 110
Public Info Code: Y 23-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12890 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13010 /	POS IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 4
13130 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 4
13280 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13460 /	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 5
13700 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
13760 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14330 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
14750 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
15080 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
15350 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF IN 5
15380 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF IN 5
15560 /	DEF AT local marker deep water fauna	DEF AT 6
15590 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
15860 /	DEF AT Bathysiphon fauna	DEF AT 6
15950 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
16033 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 151	Date of Summary: 02-FEB-1994	First Sample Examined: 9120
Lease Number: 00463	Source of Paleo: OPERATOR	Borehole MD: 12464
Well Name: G005	Paleo Done By: OPERATOR	Borehole TVD: 11586
API Well Number: 177150044400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 35
Paleo Report Num: 1 of 1	Sample Range: 9120 - 11778	Water Depth: 137
Public Info Code: Y 14-SEP-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
9120 / 8807	DEF AT first sample examined	DEF AT 1
9640 / 9237	DEF AT - - - - -	DEF AT 2
9707 / 9293	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10400 / 9881	DEF AT - - - - -	DEF AT 3
10592 / 10046	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT 3
10930 / 10336	DEF AT - - - - -	DEF AT 2
11778 / 11054	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 156	Date of Summary: 20-NOV-1978	First Sample Examined: 0
Lease Number: G01563	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12505
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 12505
API Well Number: 177152011500	Drilling Operator: CABOT CORPORATION	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 173
Public Info Code: Y 26-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by log correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8610 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10460 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12140 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 160	Date of Summary: 21-JAN-1969	First Sample Examined: 8600
Lease Number: G01247	Source of Paleo: OPERATOR	Borehole MD: 17637
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 17637
API Well Number: 177150105200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8600 - 17636	Water Depth: 120
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 /	DEF AT first sample examined	DEF AT
9080 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
14000 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
17636 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 162	Date of Summary: 06-AUG-1987	First Sample Examined: 6020
Lease Number: G01249	Source of Paleo: OPERATOR	Borehole MD: 14862
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 14862
API Well Number: 177150108900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 6020 - 14863	Water Depth: 120
Public Info Code: Y 12-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 /	DEF AT first sample examined	POS AT 2
6350 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
9560 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10700 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
11060 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
14863 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 162	Date of Summary: 21-JAN-1969	First Sample Examined: 6000
Lease Number: G01249	Source of Paleo: OPERATOR	Borehole MD: 9532
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 8400
API Well Number: 177150079300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 6000 - 9532	Water Depth: 120
Public Info Code: Y 05-JUL-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 5087	DEF AT first sample examined	DEF AT
8730 / 7600	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9532 / 8402	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 163	Date of Summary: 11-JUN-1980	First Sample Examined: 1000
Lease Number: G03177	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 10000
API Well Number: 177154012200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10000	Water Depth: 101
Public Info Code: Y 09-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 2
1660 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3490 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3670 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4090 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5800 /	DEF AT local marker benthic foram increase	DEF AT 3
5950 /	DEF AT pyrite	DEF AT 3
7180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8200 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8830 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9880 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 170	Date of Summary: 01-MAY-1969	First Sample Examined: 0
Lease Number: G01254	Source of Paleo: OPERATOR	Borehole MD: 14985
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14985
API Well Number: 177150048000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4570 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6830 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
8880 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 172	Date of Summary: 01-OCT-1971	First Sample Examined: 5590
Lease Number: G01256	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8999
API Well Number: 177154003500	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5590 - 9000	Water Depth: 102
Public Info Code: Y 06-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5590 /	DEF AT first sample examined	DEF AT
5591 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6375 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8118 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 172	Date of Summary: 01-OCT-1971	First Sample Examined: 3493
Lease Number: G01256	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8298
API Well Number: 177154003700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3493 - 8300	Water Depth: 102
Public Info Code: Y 05-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3493 /	DEF AT first sample examined	DEF AT
3494 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5345 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6370 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8270 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8300 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 179	Date of Summary: 18-JAN-1971	First Sample Examined: 9000
Lease Number: G01565	Source of Paleo: OPERATOR	Borehole MD: 16400
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15909
API Well Number: 177152011800	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 9000 - 16400	Water Depth: 162
Public Info Code: Y 30-APR-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8606	DEF AT first sample examined	DEF AT
10320 / 9924	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12320 / 11924	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13150 / 12754	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14260 / 13864	DEF AT - - - - -	DEF AT 5
15370 / 14974	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
16400 / 16004	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 179	Date of Summary: 22-SEP-1975	First Sample Examined: 10010
Lease Number: G01565	Source of Paleo: OPERATOR	Borehole MD: 16050
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16050
API Well Number: 177154010500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 10010 - 16040	Water Depth: 153
Public Info Code: Y 30-APR-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10010 /	DEF AT first sample examined	DEF IN 3
10070 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10900 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
12100 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12950 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14180 /	DEF AT - - - - -	DEF AT 5
15380 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
16040 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 183	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G04266	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13476
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11209
API Well Number: 177154052700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 203
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6960 / 6881	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7790 / 7513	POS IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
12640 / 10694	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12840 / 10821	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 185	Date of Summary: 04-JUN-1979	First Sample Examined: 7490
Lease Number: G01568	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15932
Well Name: A002	Paleo Done By: LEE LATTA	Borehole TVD: 15014
API Well Number: 177154005800	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 7490 - 15937	Water Depth: 180
Public Info Code: Y 28-JUL-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7490 / 6875	DEF AT first sample examined	DEF AT 3
7491 / 6876	DEF AT poor sample interval top	DEF AT 3
7492 / 6877	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7730 / 7087	DEF AT faunal change (no faunal increase)	DEF AT 4
7880 / 7222	DEF AT local marker deep water fauna	DEF AT 5
8990 / 8214	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9380 / 8561	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
12320 / 11411	DEF AT sample gap top	POS AT 4
13820 / 12909	DEF AT sample gap bottom	DEF AT 4
13910 / 12999	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
15200 / 14285	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
15860 / 14942	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 5
15936 /	DEF AT poor sample interval bottom	DEF AT 5
15937 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 185	Date of Summary: 02-NOV-1977	First Sample Examined: 3770
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 15038
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15038
API Well Number: 177152008800	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3770 - 14990	Water Depth: 177
Public Info Code: Y 03-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3770 /	DEF AT first sample examined	DEF AT
4070 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5570 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
7670 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9260 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
10460 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
10700 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11330 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
11720 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
12200 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
12830 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
13700 /	DEF AT Arenaceous fauna (local marker)	DEF AT
15020 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 185	Date of Summary: 27-NOV-1970	First Sample Examined: 11390
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 14642
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14175
API Well Number: 177152008801	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11390 - 14410	Water Depth: 177
Public Info Code: Y 21-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11390 / 11389	DEF AT first sample examined	DEF AT
12350 / 12313	POS IN Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
13960 / 13625	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
14410 / 13989	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 185	Date of Summary: 01-OCT-1971	First Sample Examined: 10592
Lease Number: G01569	Source of Paleo: OPERATOR	Borehole MD: 16181
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15146
API Well Number: 177154002000	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 117
Paleo Report Num: 1 of 2	Sample Range: 10592 - 16181	Water Depth: 180
Public Info Code: Y 16-MAY-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10592 /	DEF AT first sample examined	DEF AT
10593 /	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
10742 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11730 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
13470 /	DEF AT Cyclammina sp. (local marker)	DEF AT
13920 /	DEF AT local marker deep water fauna	DEF AT
15390 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT
16181 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 185	Date of Summary: 26-JUL-1972	First Sample Examined: 5045
Lease Number: G01569	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16181
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 15146
API Well Number: 177154002000	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 5045 - 16170	Water Depth: 180
Public Info Code: Y 16-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5045 /	DEF AT first sample examined	DEF IN 3
5046 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
5447 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5542 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7548 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
8200 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8744 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
9256 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 4
9415 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9416 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9448 /	DEF AT pyrite	DEF AT 4
9512 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9992 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10742 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10862 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
11232 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
11262 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
11700 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
11940 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
12060 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12840 /	DEF AT local marker foram decrease	DEF AT 4
13470 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 185	Date of Summary: 26-JUL-1972	First Sample Examined: 5045
Lease Number: G01569	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16181
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 15146
API Well Number: 177154002000	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 117
Paleo Report Num: 2 of 2	Sample Range: 5045 - 16170	Water Depth: 180
Public Info Code: Y 16-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14550 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
14940 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
15210 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
15570 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 5
16170 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 189	Date of Summary: 23-OCT-1972	First Sample Examined: 9980
Lease Number: G01899	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15680
Well Name: A006	Paleo Done By: LEE LATTA	Borehole TVD: 14433
API Well Number: 177150111100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 9980 - 15680	Water Depth: 142
Public Info Code: Y 14-MAY-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 8786	DEF AT first sample examined	DEF IN 4
9981 / 8786	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
10160 / 8955	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
11630 / 10380	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11900 / 10648	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12440 / 11187	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12680 / 11427	DEF AT local marker foram decrease	DEF AT 5
12740 / 11487	DEF AT cement	POS AT 5
13280 / 12027	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
14270 / 13017	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
14870 / 13616	DEF AT local marker foram increase	DEF AT 5
15350 / 14095	DEF AT local marker benthic foram increase	DEF AT 5
15600 / 14344	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
15680 / 14424	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 190	Date of Summary: 04-AUG-1987	First Sample Examined: 7140
Lease Number: G01261	Source of Paleo: OPERATOR	Borehole MD: 9900
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9900
API Well Number: 177152009600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7140 - 9890	Water Depth: 142
Public Info Code: Y 12-SEP-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7140 /	DEF AT first sample examined	DEF AT 4
7290 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9890 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 193	Date of Summary: 04-AUG-1987	First Sample Examined: 3040
Lease Number: G01573	Source of Paleo: OPERATOR	Borehole MD: 14929
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14929
API Well Number: 177150099500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3040 - 14927	Water Depth: 125
Public Info Code: Y 28-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3040 /	DEF AT first sample examined	DEF AT 2
3400 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3600 /	DEF AT - - - - -	DEF AT 3
5320 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5680 /	DEF AT - - - - -	DEF AT 4
5860 /	DEF AT - - - - -	DEF AT 3
7840 /	DEF AT - - - - -	DEF AT 4
7870 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8230 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9560 /	DEF AT - - - - -	DEF AT 3
10420 /	DEF AT - - - - -	DEF AT 4
10540 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11900 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14927 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 196	Date of Summary: 08-AUG-1997	First Sample Examined: 0
Lease Number: G01253	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12210
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 10660
API Well Number: 177154000900	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 13-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8692 / 7855	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9704 / 8676	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
11940 / 10456	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 196	Date of Summary: 15-APR-1969	First Sample Examined: 5726
Lease Number: G01265	Source of Paleo: OPERATOR	Borehole MD: 13677
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13677
API Well Number: 177150083900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 5726 - 13650	Water Depth: 105
Public Info Code: Y 20-OCT-1976	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
5726 /	DEF AT first sample examined	DEF AT
7960 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9450 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
10420 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
12050 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT
13650 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 196	Date of Summary: 26-FEB-1971	First Sample Examined: 362
Lease Number: G01265	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13677
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13677
API Well Number: 177150083900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 362 - 13650	Water Depth: 105
Public Info Code: Y 20-OCT-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
362 /	DEF AT first sample examined	POS AT 2
2098 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2229 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2273 /	DEF AT local marker foram decrease	DEF IN 3
3737 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
4365 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
4540 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
4672 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6011 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
6141 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6910 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7698 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
7699 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7743 /	DEF AT local marker foram decrease	DEF AT 4
8938 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9377 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
9422 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9466 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10402 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10556 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10600 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10733 /	DEF AT local marker foram decrease	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 196	Date of Summary: 26-FEB-1971	First Sample Examined: 362
Lease Number: G01265	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13677
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13677
API Well Number: 177150083900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 362 - 13650	Water Depth: 105
Public Info Code: Y 20-OCT-1968	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10845 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11877 /	DEF AT Bathysiphon fauna	DEF AT 5
12054 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12231 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
12843 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13101 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
13231 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
13650 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 203	Date of Summary: 23-APR-1972	First Sample Examined: 4000
Lease Number: G01269	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14721
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14721
API Well Number: 177150058400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 4000 - 14724	Water Depth: 142
Public Info Code: Y 16-FEB-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT 2
4001 /	DEF AT reworked material	DEF AT 2
4030 /	DEF AT local marker foram decrease	POS AT 2
4630 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 2
4660 /	DEF AT local marker foram decrease	DEF IN 1
4720 /	DEF AT local marker benthic foram increase	DEF AT 2
4780 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5110 /	DEF AT local marker benthic foram increase	DEF IN 2
5140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5230 /	DEF AT local marker foram decrease	DEF IN 3
5320 /	DEF AT local marker benthic foram increase	DEF IN 3
5620 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
6550 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6640 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
6790 /	DEF AT pyrite	DEF AT 3
6820 /	DEF AT local marker benthic foram increase	DEF AT 3
7150 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7180 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
7300 /	DEF AT local marker benthic foram increase	DEF IN 2
7540 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7630 /	POS AT local marker foram decrease	DEF IN 2
8080 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 203	Date of Summary: 23-APR-1972	First Sample Examined: 4000
Lease Number: G01269	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14721
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14721
API Well Number: 177150058400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 75
Paleo Report Num: 2 of 2	Sample Range: 4000 - 14724	Water Depth: 142
Public Info Code: Y 16-FEB-1967	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8710 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 3
8860 /	DEF AT local marker foram decrease	DEF AT 2
9490 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
10280 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10310 /	DEF AT local marker foram decrease	DEF AT 2
11050 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
11110 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
11169 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11170 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 3
11380 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11470 /	DEF AT Bathysiphon fauna	DEF AT 4
11679 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11680 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12130 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF IN 4
12190 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12280 /	DEF AT Arenaceous fauna (local marker)	DEF IN 4
12310 /	DEF AT local marker foram decrease	DEF AT 4
13820 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
14724 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 205	Date of Summary: 03-AUG-1987	First Sample Examined: 600
Lease Number: G01575	Source of Paleo: OPERATOR	Borehole MD: 15975
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15975
API Well Number: 177150107100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 600 - 15980	Water Depth: 150
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
600 /	DEF AT first sample examined	DEF AT 2
2120 /	DEF AT - - - - -	DEF AT 3
3080 /	DEF AT - - - - -	DEF AT 4
3860 /	POS AT transported shelf fauna	POS AT 2
4990 /	DEF AT - - - - -	DEF AT 5
5615 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 5
5855 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
7995 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8205 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 5
8595 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
8955 /	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9010 /	DEF AT - - - - -	DEF AT 4
10690 /	DEF AT - - - - -	DEF AT 5
10995 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11800 /	POS AT transported shelf fauna	POS AT 2
14030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
14900 /	POS AT transported shelf fauna	POS AT 2
15800 /	DEF AT - - - - -	DEF AT 6
15960 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 205	Date of Summary: 03-DEC-1971	First Sample Examined: 2630
Lease Number: G01575	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14015
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14015
API Well Number: 177154000400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2630 - 14015	Water Depth: 157
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2630 /	DEF AT first sample examined	DEF AT 2
2870 /	DEF AT local marker benthic foram increase	DEF IN 4
3260 /	DEF IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 4
3350 /	DEF AT local marker foram decrease	DEF AT 4
3500 /	DEF AT local marker benthic foram increase	DEF AT 3
3740 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3770 /	DEF AT local marker foram increase	DEF IN 3
4160 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
4280 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
4580 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5180 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
5300 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
5390 /	POS AT local marker planktic foram increase	DEF AT 4
5450 /	DEF AT faunal change (no faunal increase)	DEF IN 4
5720 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
5780 /	POS AT local marker foram decrease	DEF AT 4
5990 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6050 /	POS AT local marker foram decrease	DEF IN 3
6320 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6470 /	DEF AT faunal change (no faunal increase)	DEF IN 3
6679 /	DEF AT local marker foram decrease	DEF IN 2
6680 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 205	Date of Summary: 03-DEC-1971	First Sample Examined: 2630
Lease Number: G01575	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14015
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14015
API Well Number: 177154000400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2630 - 14015	Water Depth: 157
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6770 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6950 /	POS AT local marker foram increase	DEF IN 4
6980 /	DEF AT local marker planktic foram increase	DEF AT 5
7160 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 5
7250 /	POS AT local marker foram decrease	DEF AT 5
7580 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 5
7581 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 5
7610 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7790 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
7880 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
8090 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
8180 /	DEF AT local marker foram decrease	DEF IN 3
8270 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8750 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8810 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
8840 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
8900 /	DEF AT local marker foram decrease	DEF AT 4
9200 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9320 /	DEF AT local marker benthic foram increase	DEF AT 4
9350 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
9380 /	POS AT local marker foram decrease	DEF AT 4
9470 /	DEF AT faunal change (no faunal increase)	DEF IN 3
9620 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9650 /	DEF AT local marker foram decrease	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 205	Date of Summary: 03-DEC-1971	First Sample Examined: 2630
Lease Number: G01575	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14015
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 14015
API Well Number: 177154000400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2630 - 14015	Water Depth: 157
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9860 /	DEF AT local marker planktic foram increase	DEF IN 3
10100 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
10370 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10400 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10580 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10850 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11270 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11690 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12170 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 5
12440 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12620 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12770 /	DEF AT local marker foram decrease	DEF AT 4
12800 /	DEF AT local marker foram increase	DEF AT 5
12950 /	POS AT local marker foram decrease	DEF AT 4
13220 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
13430 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13550 /	DEF AT Bathysiphon fauna	DEF AT 5
14015 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 206	Date of Summary: 18-SEP-1969	First Sample Examined: 5688
Lease Number: G01576	Source of Paleo: OPERATOR	Borehole MD: 15159
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15159
API Well Number: 177152001700	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4090 - 15159	Water Depth: 166
Public Info Code: Y 28-MAY-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5688 /	DEF AT first sample examined	DEF AT
7175 /	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
7386 /	DEF AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT
7470 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
7804 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
8342 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8516 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
8602 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9550 /	DEF AT Bathysiphon fauna	DEF AT 4
9903 /	POS IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
10122 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10435 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10629 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
10801 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10887 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10929 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10930 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11341 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11579 /	DEF AT foram flood	DEF AT 4
11580 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11810 /	DEF AT faunal change (no faunal increase)	DEF AT 3
12874 /	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 206	Date of Summary: 18-SEP-1969	First Sample Examined: 5688
Lease Number: G01576	Source of Paleo: OPERATOR	Borehole MD: 15159
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15159
API Well Number: 177152001700	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4090 - 15159	Water Depth: 166
Public Info Code: Y 28-MAY-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13530 /	DEF AT local marker benthic foram increase	DEF AT 4
13891 /	DEF AT brown shale	DEF AT 4
14114 /	DEF AT faunal change (no faunal increase)	DEF AT 3
14248 /	DEF AT local marker benthic foram increase	DEF AT 3
14414 /	POS AT oxidized shale	DEF AT 3
14634 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
14866 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
15159 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 206	Date of Summary: 18-SEP-1969	First Sample Examined: 6135
Lease Number: G01576	Source of Paleo: OPERATOR	Borehole MD: 15159
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15159
API Well Number: 177152001700	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 4090 - 8125	Water Depth: 166
Public Info Code: Y 28-MAY-1970	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6135 /	DEF IN Lower Pleistocene (Calabrian) Pseudoemiliana lacunosa "C" (acme)	DEF AT
6840 /	POS AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
7000 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7430 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT
8125 /	DEF AT Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 211	Date of Summary: 10-MAR-1972	First Sample Examined: 4000
Lease Number: G01270	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12010
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 12010
API Well Number: 177160000800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4000 - 11960	Water Depth: 105
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF IN 1
4390 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4570 /	DEF AT local marker benthic foram increase	DEF IN 2
4600 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4660 /	POS AT local marker foram decrease	DEF IN 1
5350 /	DEF AT pyrite	DEF IN 1
5470 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5769 /	DEF AT local marker benthic foram increase	DEF IN 2
5770 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2
5920 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
6340 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
6370 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6789 /	DEF AT pyrite	DEF IN 2
6790 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 2
6970 /	DEF AT local marker benthic foram increase	DEF AT 2
7060 /	DEF AT local marker foram decrease	DEF AT 2
7090 /	DEF AT pyrite	DEF AT 2
7360 /	DEF AT local marker benthic foram increase	DEF AT 2
7480 /	DEF AT pyrite	DEF AT 2
8260 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 2
8288 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8289 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 211	Date of Summary: 10-MAR-1972	First Sample Examined: 4000
Lease Number: G01270	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12010
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 12010
API Well Number: 177160000800	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 2 of 2	Sample Range: 4000 - 11960	Water Depth: 105
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8290 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
8380 /	DEF AT local marker foram decrease	DEF IN 2
9230 /	POS AT local marker benthic foram increase	DEF IN 2
9920 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
10100 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 2
10790 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
10880 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
11090 /	DEF AT pyrite	DEF AT 3
11180 /	DEF AT local marker foram decrease	DEF IN 2
11300 /	POS AT reworked material	POS IN 1
11390 /	DEF AT pyrite	DEF IN 1
11540 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11720 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
11750 /	DEF AT foram flood	DEF AT 5
11870 /	DEF AT Bathysiphon fauna	DEF AT 5
11960 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 214	Date of Summary: 01-MAY-1969	First Sample Examined: 0
Lease Number: G01271	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177160000700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 98
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5226 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
7710 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
11027 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 214	Date of Summary: 07-AUG-1989	First Sample Examined: 8010
Lease Number: G01271	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16000
API Well Number: 177160000700	Drilling Operator: EXXONMOBIL OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 8010 - 16000	Water Depth: 107
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
8010 /	DEF AT first sample examined	DEF IN 3
8970 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
9000 /	DEF AT - - - -	DEF AT 4
15410 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
15800 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
16000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 217	Date of Summary: 14-AUG-1973	First Sample Examined: 1000
Lease Number: G02153	Source of Paleo: OPERATOR	Borehole MD: 17282
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17282
API Well Number: 177164000200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1000 - 17280	Water Depth: 155
Public Info Code: Y 15-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF IN 2
2250 /	DEF AT - - - - -	DEF AT 3
4230 /	DEF AT cement	POS AT 3
5040 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6030 /	DEF AT - - - - -	DEF AT 4
6330 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8330 /	DEF AT Cyclammina sp. (local marker)	DEF AT 5
8750 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
10670 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11240 /	DEF AT - - - - -	DEF AT 6
14720 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 6
16100 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
17280 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 217	Date of Summary: 10-JUN-1976	First Sample Examined: 0
Lease Number: G02153	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11231
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11231
API Well Number: 177164000500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 149
Public Info Code: Y 15-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5865 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
6034 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7700 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8930 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9570 /	DEF AT local marker foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 217	Date of Summary: 21-MAR-1983	First Sample Examined: 4500
Lease Number: G04887	Source of Paleo: OPERATOR	Borehole MD: 10300
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10300
API Well Number: 177164001800	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4500 - 10290	Water Depth: 148
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF AT 3
4501 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4830 /	DEF AT local marker benthic foram increase	DEF AT 4
5040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
5310 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
5670 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6690 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6810 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7620 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7649 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7650 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7890 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8100 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8850 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
9180 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9990 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10290 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 220	Date of Summary: 11-NOV-1981	First Sample Examined: 4471
Lease Number: G04238	Source of Paleo: OPERATOR	Borehole MD: 11614
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11248
API Well Number: 177164001100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4471 - 11590	Water Depth: 156
Public Info Code: Y 29-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4471 / 4471	DEF AT first sample examined	DEF AT
9690 / 9519	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11590 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 223	Date of Summary: 10-MAR-1972	First Sample Examined: 3931
Lease Number: G01274	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14060
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14060
API Well Number: 177160001500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3931 - 14060	Water Depth: 125
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3931 /	DEF AT first sample examined	DEF AT 2
4031 /	DEF AT faunal change (no faunal increase)	DEF IN 1
4393 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4486 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4517 /	DEF AT local marker planktic foram increase	DEF AT 3
4641 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4682 /	DEF AT local marker foram decrease	DEF AT 2
4765 /	DEF AT local marker benthic foram increase	DEF AT 3
4982 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5044 /	DEF AT local marker deep water fauna	DEF AT 4
5075 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
5293 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5634 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5665 /	DEF AT local marker foram decrease	DEF AT 2
5727 /	DEF AT faunal change (no faunal increase)	DEF IN 2
5789 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5820 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5851 /	DEF AT faunal change (no faunal increase)	DEF IN 4
5915 /	DEF AT local marker foram decrease	DEF IN 3
5946 /	DEF AT local marker benthic foram increase	DEF AT 3
6256 /	DEF AT local marker foram decrease	DEF AT 2
6411 /	DEF AT faunal change (no faunal increase)	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 223	Date of Summary: 10-MAR-1972	First Sample Examined: 3931
Lease Number: G01274	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14060
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14060
API Well Number: 177160001500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3931 - 14060	Water Depth: 125
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6860 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 2
7250 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7279 /	POS AT reworked material	DEF AT 4
7280 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7520 /	DEF AT local marker foram decrease	DEF IN 3
7550 /	DEF AT faunal change (no faunal increase)	DEF IN 1
7610 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 2
7640 /	DEF AT local marker planktic foram increase	DEF AT 3
8000 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8090 /	DEF AT local marker foram decrease	DEF IN 3
8180 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8334 /	DEF AT local marker foram decrease	DEF AT 3
8479 /	DEF AT pyrite	DEF AT 4
8480 /	DEF AT limestone	DEF AT 4
8540 /	DEF AT local marker foram decrease	DEF IN 3
8690 /	DEF AT drilling material	POS AT 3
9200 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
9260 /	DEF AT drilling material	POS IN 3
9500 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 3
9890 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
10130 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10490 /	DEF AT drilling material	POS AT 5
14060 /	DEF AT last sample examined	POS AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 228	Date of Summary: 25-APR-1972	First Sample Examined: 4010
Lease Number: G01047	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12780
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12780
API Well Number: 177160001000	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4010 - 12784	Water Depth: 180
Public Info Code: Y 18-MAY-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4010 /	DEF AT first sample examined	DEF AT 1
4011 /	DEF AT cement	DEF AT 1
4190 /	DEF AT local marker benthic foram increase	DEF IN 2
4400 /	POS AT local marker foram decrease	DEF AT 2
4520 /	DEF AT local marker foram decrease	DEF IN 1
4820 /	POS AT local marker foram increase	DEF AT 2
5180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5330 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentes (acme "A")	DEF IN 3
5420 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5450 /	DEF AT local marker foram decrease	DEF IN 2
5540 /	POS AT local marker foram increase	DEF AT 3
5570 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
5660 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
5840 /	POS AT local marker foram decrease	DEF AT 3
5960 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6110 /	DEF AT local marker foram decrease	DEF AT 3
6290 /	DEF AT local marker benthic foram increase	DEF IN 3
6380 /	DEF AT local marker foram decrease	DEF AT 3
6860 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6890 /	POS AT local marker foram decrease	DEF IN 3
6950 /	DEF AT local marker foram decrease	DEF AT 3
6979 /	DEF AT glauconite	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 228	Date of Summary: 25-APR-1972	First Sample Examined: 4010
Lease Number: G01047	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12780
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12780
API Well Number: 177160001000	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4010 - 12784	Water Depth: 180
Public Info Code: Y 18-MAY-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6980 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
7009 /	DEF AT glauconite	DEF AT 4
7010 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
7099 /	DEF IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
7100 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7250 /	DEF AT local marker foram decrease	DEF AT 3
7310 /	DEF AT local marker benthic foram increase	DEF AT 3
7400 /	POS AT local marker foram increase	DEF IN 3
7520 /	DEF AT local marker foram increase	DEF AT 4
8150 /	DEF AT local marker benthic foram increase	DEF IN 3
8240 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
8540 /	DEF AT local marker foram increase	DEF AT 4
8630 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9650 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
10040 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10130 /	DEF AT pyrite	DEF IN 3
10790 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10910 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10940 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
11060 /	DEF AT pyrite	DEF IN 3
11270 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11510 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11720 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	POS AT 4
12110 /	POS AT local marker foram increase	POS AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 228	Date of Summary: 25-APR-1972	First Sample Examined: 4010
Lease Number: G01047	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12780
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12780
API Well Number: 177160001000	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4010 - 12784	Water Depth: 180
Public Info Code: Y 18-MAY-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12200 /	DEF AT cement	POS AT 4
12500 /	DEF AT Bathysiphon fauna	DEF AT 5
12620 /	DEF AT faunal change (no faunal increase)	DEF IN 4
12784 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 235	Date of Summary: 08-MAR-1972	First Sample Examined: 3150
Lease Number: G01276	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10465
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 10465
API Well Number: 177160000500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 3150 - 10450	Water Depth: 125
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3150 /	DEF AT first sample examined	POS AT 4
3270 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
3420 /	POS AT reworked material	POS AT 3
3770 /	DEF AT faunal change (no faunal increase)	DEF IN 2
3900 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4170 /	DEF AT faunal change (no faunal increase)	DEF IN 2
4880 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
4910 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5030 /	DEF AT cement	POS AT 3
5090 /	DEF AT local marker benthic foram increase	DEF AT 3
5360 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
5420 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5480 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 4
5510 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 4
5690 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 4
5720 /	DEF AT local marker foram decrease	DEF AT 4
5870 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5990 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6080 /	DEF AT local marker foram decrease	DEF IN 3
6200 /	POS AT local marker foram increase	DEF AT 4
6350 /	POS AT local marker foram decrease	DEF IN 3
6580 /	DEF AT local marker planktic foram increase	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 235	Date of Summary: 08-MAR-1972	First Sample Examined: 3150
Lease Number: G01276	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10465
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 10465
API Well Number: 177160000500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 3150 - 10450	Water Depth: 125
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6620 /	DEF AT local marker benthic foram increase	DEF IN 3
6680 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6890 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
6920 /	DEF AT local marker foram decrease	DEF IN 3
7310 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 3
7340 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 4
7430 /	DEF AT local marker planktic foram increase	DEF AT 4
7670 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
7880 /	POS AT local marker foram decrease	DEF IN 3
8090 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
8660 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
8870 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9100 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
9310 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9760 /	DEF AT faunal change (no faunal increase)	DEF IN 3
10120 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10180 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10300 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
10390 /	DEF AT Bathysiphon fauna	DEF AT 4
10450 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 247	Date of Summary: 26-FEB-1969	First Sample Examined: 1800
Lease Number: G01283	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11680
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11680
API Well Number: 177160001700	Drilling Operator: OCEAN MINERALS INC	Rkb Elevation: 60
Paleo Report Num: 2 of 4	Sample Range: 1800 - 11640	Water Depth: 180
Public Info Code: Y 04-JAN-1968	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 /	DEF AT first sample examined	DEF IN 2
2340 /	DEF AT faunal change (no faunal increase)	DEF AT 3
2700 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
3840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4860 /	DEF AT faunal change (no faunal increase)	DEF IN 4
5580 /	DEF AT local marker foram increase	DEF AT 5
6150 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 5
6210 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 5
6480 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8100 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8279 /	DEF AT pyrite	DEF IN 4
8280 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
8340 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8460 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8880 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
10470 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
10890 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
11040 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11130 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11640 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 247	Date of Summary: 25-JUN-1971	First Sample Examined: 1800
Lease Number: G01283	Source of Paleo: OPERATOR	Borehole MD: 11680
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11680
API Well Number: 177160001700	Drilling Operator: OCEAN MINERALS INC	Rkb Elevation: 60
Paleo Report Num: 3 of 4	Sample Range: 1800 - 11640	Water Depth: 180
Public Info Code: Y 04-JAN-1968	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
1800 /	DEF AT first sample examined	DEF IN 2
2340 /	DEF AT -----	DEF AT 3
3840 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4590 /	DEF AT -----	DEF AT 4
4710 /	DEF AT -----	DEF AT 5
6480 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7200 /	DEF AT -----	DEF AT 4
8340 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
9450 /	DEF AT -----	DEF AT 3
10470 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10830 /	DEF AT -----	DEF AT 4
11640 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 248	Date of Summary: 13-APR-1972	First Sample Examined: 5200
Lease Number: G01284	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15500
API Well Number: 177160001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 47
Paleo Report Num: 2 of 2	Sample Range: 5200 - 15600	Water Depth: 188
Public Info Code: Y 04-JAN-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5200 /	DEF AT first sample examined	DEF AT 4
5201 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5320 /	DEF AT local marker foram decrease	DEF AT 3
5350 /	DEF AT local marker benthic foram increase	DEF AT 2
5500 /	DEF AT local marker foram decrease	POS AT 2
5530 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
5650 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 3
5710 /	DEF AT pyrite	POS AT 3
5830 /	DEF AT local marker foram decrease	DEF AT 2
5980 /	POS AT local marker foram increase	DEF IN 2
6010 /	DEF AT local marker benthic foram increase	DEF AT 3
6189 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6190 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6550 /	DEF AT local marker foram decrease	DEF AT 3
6730 /	DEF AT cement	DEF AT 3
6880 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7180 /	DEF AT local marker foram decrease	DEF AT 3
7390 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7616 /	DEF AT local marker foram increase	DEF AT 4
7960 /	DEF AT local marker foram decrease	DEF AT 3
8200 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8410 /	DEF AT local marker foram decrease	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 248	Date of Summary: 13-APR-1972	First Sample Examined: 5200
Lease Number: G01284	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15500
API Well Number: 177160001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 47
Paleo Report Num: 2 of 2	Sample Range: 5200 - 15600	Water Depth: 188
Public Info Code: Y 04-JAN-1968	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8470 /	DEF AT local marker planktic foram increase	DEF AT 4
8499 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
8500 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8620 /	DEF AT poor sample interval top	DEF AT 4
8740 /	DEF AT poor sample interval bottom	DEF AT 4
8770 /	DEF AT local marker foram increase	DEF AT 4
8860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9040 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
9100 /	DEF AT local marker foram decrease	DEF AT 3
9220 /	DEF AT faunal change (no faunal increase)	DEF IN 2
9500 /	DEF AT cement	DEF IN 2
9580 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
9610 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9820 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 3
10060 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
10090 /	DEF AT local marker benthic foram increase	DEF IN 3
10180 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10270 /	DEF AT local marker foram decrease	DEF AT 3
10590 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10720 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10810 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
10870 /	DEF AT local marker foram decrease	POS IN 3
11230 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
11260 /	DEF AT local marker benthic foram increase	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 248	Date of Summary: 13-APR-1972	First Sample Examined: 5200
Lease Number: G01284	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15500
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 15500
API Well Number: 177160001200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 47
Paleo Report Num: 2 of 2	Sample Range: 5200 - 15600	Water Depth: 188
Public Info Code: Y 04-JAN-1968	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11590 /	DEF AT Bathysiphon fauna	DEF AT 3
11660 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12140 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12170 /	DEF AT poor sample interval top	POS AT 4
12769 /	DEF AT poor sample interval bottom	DEF IN 3
12770 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 3
13190 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13370 /	DEF AT Bathysiphon fauna	DEF AT 4
13460 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
13670 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
14210 /	DEF AT local marker foram increase	DEF AT 4
14239 /	DEF AT Bathysiphon fauna	DEF AT 5
14240 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
14270 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
14810 /	DEF AT local marker foram decrease	POS AT 4
15260 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
15470 /	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	POS AT 4
15570 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
15600 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 274	Date of Summary: 23-FEB-1983	First Sample Examined: 5875
Lease Number: G04467	Source of Paleo: OPERATOR	Borehole MD: 7512
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7512
API Well Number: 177164002600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5875 - 7495	Water Depth: 265
Public Info Code: Y 31-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5875 /	DEF AT first sample examined	DEF AT
7495 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 274	Date of Summary: 20-JUN-1983	First Sample Examined: 4928
Lease Number: G04467	Source of Paleo: OPERATOR	Borehole MD: 13350
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13350
API Well Number: 177164003100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 4928 - 13350	Water Depth: 256
Public Info Code: Y 31-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4928 /	DEF AT first sample examined	DEF AT
13350 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 287	Date of Summary: 15-JAN-1986	First Sample Examined: 0
Lease Number: G04469	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7153
API Well Number: 177164009300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 387
Public Info Code: Y 18-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5605 / 5369	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 288	Date of Summary: 05-MAY-1980	First Sample Examined: 1150
Lease Number: G03178	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11000
API Well Number: 177164000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1150 - 11000	Water Depth: 418
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 /	DEF AT first sample examined	DEF IN 3
1360 /	DEF AT foram flood	DEF AT 4
1450 /	DEF AT local marker foram decrease	DEF AT 4
1630 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2589 /	DEF AT glauconite	DEF AT 4
2590 /	DEF AT local marker foram increase	DEF AT 4
2740 /	POS AT local marker foram decrease	DEF AT 4
3610 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
3640 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3700 /	DEF AT local marker foram decrease	DEF AT 4
4330 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
4360 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 5
4510 /	DEF AT local marker foram decrease	DEF AT 5
5230 /	DEF AT local marker benthic foram increase	DEF AT 5
5520 /	DEF AT local marker foram increase	DEF AT 5
5950 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 5
5980 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6100 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 5
6250 /	DEF AT pyrite	DEF AT 5
6339 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
6340 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
6590 /	DEF AT local marker foram decrease	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 288	Date of Summary: 05-MAY-1980	First Sample Examined: 1150
Lease Number: G03178	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11000
API Well Number: 177164000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1150 - 11000	Water Depth: 418
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
6950 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
7130 /	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 5
7190 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 5
7670 /	DEF AT local marker foram increase	DEF AT 5
7700 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
7909 /	DEF AT local marker planktic foram increase	DEF IN 5
7910 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 5
7940 /	DEF AT foram flood	DEF IN 5
7970 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 5
7999 /	DEF AT pyrite	DEF IN 5
8000 /	DEF AT foram flood	DEF IN 5
8030 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 5
8330 /	DEF AT local marker foram decrease	DEF IN 5
8720 /	DEF AT pyrite	DEF IN 5
8960 /	DEF AT local marker foram decrease	DEF IN 5
9080 /	DEF AT drilling material	POS IN 5
9560 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
9710 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
9770 /	DEF AT pyrite	DEF IN 5
9830 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
9980 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10010 /	DEF IN Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 5
10100 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
10190 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 288	Date of Summary: 05-MAY-1980	First Sample Examined: 1150
Lease Number: G03178	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 11000
API Well Number: 177164000600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1150 - 11000	Water Depth: 418
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10520 /	DEF AT pyrite	DEF AT 5
11000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 293	Date of Summary: 08-MAY-1986	First Sample Examined: 0
Lease Number: G04889	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12005
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12005
API Well Number: 177164009800	Drilling Operator: MCMORAN OIL & GAS CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 277
Public Info Code: Y 30-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11648 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11822 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11909 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 295	Date of Summary: 13-APR-1972	First Sample Examined: 1400
Lease Number: G01293	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12501
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12501
API Well Number: 177160001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1400 - 12490	Water Depth: 250
Public Info Code: Y 26-MAY-1966	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1400 /	DEF AT first sample examined	DEF IN 1
1550 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1610 /	DEF AT faunal change (no faunal increase)	DEF IN 1
1730 /	DEF AT local marker benthic foram increase	DEF AT 2
1850 /	POS AT Wisconsin fauna (local marker)	DEF AT 3
1910 /	DEF AT local marker foram decrease	DEF AT 2
2060 /	DEF AT local marker benthic foram increase	DEF IN 2
2240 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2330 /	DEF AT local marker foram decrease	DEF AT 3
2480 /	DEF AT local marker benthic foram increase	DEF AT 3
2720 /	DEF AT local marker foram decrease	DEF IN 2
2750 /	DEF AT poor sample interval top	POS IN 2
4009 /	DEF AT poor sample interval bottom	POS IN 2
4010 /	DEF AT sample gap top	POS IN 2
4359 /	DEF AT sample gap bottom	DEF IN 2
4360 /	DEF AT cement	DEF IN 2
4630 /	DEF AT local marker foram increase	DEF IN 4
4870 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4960 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5170 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
6360 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
6450 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 295	Date of Summary: 13-APR-1972	First Sample Examined: 1400
Lease Number: G01293	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12501
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12501
API Well Number: 177160001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1400 - 12490	Water Depth: 250
Public Info Code: Y 26-MAY-1966	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6570 /	DEF AT local marker foram decrease	DEF AT 3
6630 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
7200 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
7230 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7680 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
7710 /	DEF AT local marker foram decrease	DEF IN 3
8520 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
8910 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8970 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 4
9210 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9510 /	DEF AT local marker foram increase	DEF AT 3
9659 /	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
9660 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 3
9750 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
9870 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10260 /	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
10320 /	DEF AT faunal change (no faunal increase)	DEF IN 3
10629 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 3
10630 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 3
10840 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10960 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11350 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
11590 /	DEF AT Bathysiphon fauna	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 295	Date of Summary: 13-APR-1972	First Sample Examined: 1400
Lease Number: G01293	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12501
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12501
API Well Number: 177160001300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1400 - 12490	Water Depth: 250
Public Info Code: Y 26-MAY-1966	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11620 /	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF IN 4
11980 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
12010 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 4
12115 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12310 /	DEF AT local marker planktic foram increase	DEF AT 4
12460 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12490 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 301	Date of Summary: 26-OCT-1978	First Sample Examined: 7050
Lease Number: G03594	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11570
Well Name: 004	Paleo Done By: LEE LATTA	Borehole TVD: 10997
API Well Number: 177164000901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7050 - 11570	Water Depth: 386
Public Info Code: Y 12-JUL-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7050 / 7050	DEF AT first sample examined	POS AT 3
7051 / 7051	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	POS AT 3
7420 / 7417	DEF AT faunal change (no faunal increase)	DEF IN 3
8352 / 8296	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9356 / 9168	DEF AT local marker deep water fauna	DEF AT 5
10699 / 10287	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
10765 / 10341	DEF AT pyrite	DEF AT 5
11016 / 10546	DEF AT Cyclammia cancellata (local marker)	DEF AT 5
11047 / 10572	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11570 / 10997	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: ST 314	Date of Summary: 10-JUN-1976	First Sample Examined: 0
Lease Number: G02154	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7891
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7887
API Well Number: 177164000301	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 412
Public Info Code: Y 15-AUG-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2900 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT
3340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5420 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
6610 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
7380 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7740 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
8260 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 23	Date of Summary: 25-FEB-1997	First Sample Examined: 590
Lease Number: G02459	Source of Paleo: OPERATOR	Borehole MD: 6039
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6039
API Well Number: 608164000500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 590 - 5999	Water Depth: 91
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report, 5996=late Oligocene, based on dinoflagellates and spores

MD / TVD	Paleo Top Description	Ecozone
590 /	DEF AT first sample examined	DEF AT 1
1760 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
2750 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT 1
4310 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 1
4400 /	DEF AT - - - - -	DEF AT 3
4460 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
4730 /	DEF AT - - - - -	DEF AT 4
4800 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT 3
4870 /	DEF AT - - - - -	DEF AT 2
5330 /	DEF AT Middle Miocene (Langhian) Helicosphaera ampliapertura	DEF AT
5996 /	DEF AT Upper Oligocene Chattian Stage	DEF AT
5999 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 30	Date of Summary: 01-SEP-1978	First Sample Examined: 4575
Lease Number: G02462	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11000
API Well Number: 608164003700	Drilling Operator: CONOCO INC	Rkb Elevation: 43
Paleo Report Num: 1 of 3	Sample Range: 4575 - 11000	Water Depth: 107
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4575 /	DEF AT first sample examined	DEF AT
4595 /	DEF IN Upper Oligocene (Chattian) Discorbis gravelli	DEF AT
4765 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
4965 /	DEF AT local marker planktic foram increase	DEF AT
5265 /	DEF AT local marker foram decrease	DEF AT
5365 /	DEF AT local marker planktic foram increase	DEF AT
5395 /	DEF AT reefal material	DEF AT
5575 /	DEF AT pyrite	DEF AT
5600 /	DEF AT Upper Oligocene (Chattian) Bolivina mexicana	DEF AT
5629 /	DEF AT local marker planktic foram increase	DEF AT
5630 /	DEF AT Lower Oligocene (Rupelian) Anomalina bilateralis	DEF AT
5840 /	DEF AT glauconite	DEF AT
5930 /	DEF AT Upper Eocene (Priabonian) Globorotalia cerroazulensis cocoaensis	DEF AT
6019 /	DEF AT foram flood	DEF AT
6020 /	DEF AT Middle Eocene (Bartonian) Truncorotaloides rohri	DEF AT
6260 /	DEF AT limestone	DEF AT
6380 /	POS AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
6410 /	POS AT Lower Eocene (Ypresian) Morozovella formosa formosa	DEF AT
6530 /	DEF AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
7010 /	DEF AT Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT
7070 /	DEF IN Upper Paleocene (Thanetian) Planorotalites compressa	DEF AT
7160 /	DEF IN Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 30	Date of Summary: 01-SEP-1978	First Sample Examined: 4575
Lease Number: G02462	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11000
API Well Number: 608164003700	Drilling Operator: CONOCO INC	Rkb Elevation: 43
Paleo Report Num: 1 of 3	Sample Range: 4575 - 11000	Water Depth: 107
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7370 /	DEF AT Upper Cretaceous (Campanian) Globotruncana calcarata	DEF AT
8340 /	DEF AT Upper Cretaceous Austin Group/Provincial Stage	DEF AT
8560 /	POS AT Upper Cretaceous (Campanian) Marginotruncana coronata	DEF AT
8590 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
8930 /	POS AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
8960 /	POS AT Upper Cretaceous (Turonian) Praeglobotruncana stephani	DEF AT
9319 /	POS IN Upper Cretaceous (Cenomanian) Rotalipora cushmani	DEF AT
9320 /	POS AT Upper Cretaceous (Cenomanian) Rotalipora greenhornensis	DEF AT
9350 /	DEF AT Upper Cretaceous (Cenomanian) Rotalipora appenninica	DEF AT
9679 /	DEF AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT
9680 /	DEF AT local marker ostracod (see remarks)	DEF AT
9780 /	DEF AT Lower Cretaceous (Albian) Rotalipora ticinensis	DEF AT
9840 /	DEF AT Lower Cretaceous (Albian) Ticinella roberti	DEF AT
9870 /	DEF AT local marker ostracod (see remarks)	DEF AT
9930 /	DEF AT Lower Cretaceous (Albian) Ammobaculites goodlandensis	DEF AT
10180 /	DEF AT local marker ostracod (see remarks)	DEF AT
11000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 30	Date of Summary: 01-MAY-1988	First Sample Examined: 1100
Lease Number: G02462	Source of Paleo: PUBLICATION	Borehole MD: 11000
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 11000
API Well Number: 608164003700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 43
Paleo Report Num: 2 of 3	Sample Range: 1100 - 4335	Water Depth: 107
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS:	Paleo ID: 004

Remark: Source is Mink, R M et al, 1988, Regional geologic framework and petroleum geology of Miocene strata of Alabama coastal waters area and adjacent Federal waters area, Geological Survey of Alabama and State Oil and Gas Board Final Report, page 79

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF AT
1500 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
2119 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
2120 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
3770 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
3890 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
4040 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
4129 /	DEF AT glauconite	DEF AT
4130 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
4334 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
4335 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 30	Date of Summary: 01-APR-1993	First Sample Examined: 3500
Lease Number: G02462	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 608164003700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 43
Paleo Report Num: 3 of 3	Sample Range: 3500 - 11000	Water Depth: 107
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Company-integrated foram and nanno report, 7340=Tetralithus aculeus, 7790=Inoceramus prisms, 8740=Globotruncana schneegansi, 9870=Late Middle Albian ostracod Cytheris mahonae

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT
3800 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
4010 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
4180 /	DEF AT reefal material	DEF AT 1
4795 /	DEF AT Upper Oligocene (Chattian) Heterostegina texana	DEF AT
5620 /	DEF AT Lower Oligocene (Rupelian) Reticulofenestra umbilica	DEF AT
5630 /	DEF AT Upper Oligocene (Chattian) Globorotalia opima nana	DEF AT
5900 /	DEF AT Upper Eocene (Priabonian) Globorotalia pomeroli	DEF AT
5930 /	DEF AT Upper Eocene (Priabonian) Globigerinathea tropicalis / mexicana	DEF AT
6020 /	DEF AT local marker planktic foram increase	DEF AT
6170 /	DEF AT Middle Eocene	DEF AT
6260 /	DEF AT Middle Eocene (Lutetian) Discoaster Iodoensis	DEF AT
6380 /	DEF AT Lower Eocene (Ypresian) Globorotalia wilcoxensis	DEF AT
6440 /	DEF AT Lower Eocene (Ypresian) Tribracliatulus contortus	DEF AT
6710 /	DEF AT Lower Eocene (Ypresian) Morozovella rex / subbotinae	DEF AT
7040 /	POS AT Upper Paleocene (Thanetian) Planulorotalites pseudomenardii	DEF AT
7099 /	DEF AT Upper Paleocene (Thanetian) Fasciculithus tympaniformis	DEF AT
7100 /	DEF AT Upper Paleocene (Thanetian) Heliolithus kleinpellii	DEF AT
7190 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
7220 /	DEF AT Upper Cretaceous (Maastrichtian) Globotruncana lapparenti	DEF AT
7280 /	DEF AT Upper Cretaceous (Campanian) Globotruncana elevata	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 30	Date of Summary: 01-APR-1993	First Sample Examined: 3500
Lease Number: G02462	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 608164003700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 43
Paleo Report Num: 3 of 3	Sample Range: 3500 - 11000	Water Depth: 107
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7340 /	DEF AT Upper Cretaceous (Campanian) Eiffellithus eximius	DEF AT
7460 /	DEF AT Upper Cretaceous (Campanian) Aspidolithus parvus parvus	DEF AT
7640 /	DEF IN Upper Cretaceous Campanian Stage	DEF AT
7790 /	DEF AT shell fragments	DEF AT
7820 /	DEF AT Upper Cretaceous Santonian Stage	DEF AT
8160 /	DEF AT Upper Cretaceous (Campanian) Marthasterites furcatus	DEF AT
8370 /	DEF AT Upper Cretaceous (Santonian) Marginotruncana renzi	DEF AT
8620 /	DEF AT Upper Cretaceous (Coniacian) Stoverius achylosus	DEF AT
8740 /	DEF AT local marker planktic foram increase	DEF AT
8930 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
9680 /	DEF AT Upper Cretaceous (Cenomanian) Fossocytheridea lenoiresis (ostracod)	DEF AT
9869 /	DEF AT Lower Cretaceous Albian Stage	DEF AT
9870 /	DEF IN local marker ostracod (see remarks)	DEF AT
10090 /	DEF AT - - - -	DEF AT 2
10960 /	POS AT Lower Cretaceous (Albian) Eocytheropteron trinitiensis (ostracod)	DEF AT 2
11000 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 212	Date of Summary: 01-MAY-1988	First Sample Examined: 1100
Lease Number: G02452	Source of Paleo: PUBLICATION	Borehole MD: 5051
Well Name: 001	Paleo Done By: UNKNOWN	Borehole TVD: 5040
API Well Number: 608164000900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1100 - 4430	Water Depth: 120
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS:	Paleo ID: 002

Remark: Source is Mink, R M et al, 1988, Regional geologic framework and petroleum geology of Miocene strata of Alabama coastal waters area and adjacent Federal waters area, Geological Survey of Alabama and State Oil and Gas Board Final Report, page 79

MD / TVD	Paleo Top Description	Ecozone
1100 / 1100	DEF AT first sample examined	DEF AT
1101 / 1101	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
2240 / 2240	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
2300 / 2300	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
2810 / 2809	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
2869 / 2868	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT
2870 / 2869	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
3318 / 3317	DEF AT foram flood	DEF AT
3319 / 3318	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
3320 / 3319	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
3920 / 3917	DEF AT glauconite	DEF AT
3950 / 3947	DEF AT limestone	DEF AT
4100 / 4096	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
4220 / 4216	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
4400 / 4395	DEF AT Upper Oligocene (Chattian) Marginulina vaginata	DEF AT
4430 / 4425	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 773	Date of Summary: 01-NOV-1977	First Sample Examined: 2190
Lease Number: G02447	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6260
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 5350
API Well Number: 608164000401	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2190 - 6260	Water Depth: 480
Public Info Code: Y 09-FEB-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2190 / 2190	DEF AT first sample examined	POS AT 4
2191 / 2191	DEF AT cement	POS AT 4
2220 / 2220	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2221 / 2221	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
2310 / 2310	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
2910 / 2899	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
3570 / 3491	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
3600 / 3516	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
3690 / 3588	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
3810 / 3681	DEF AT foram flood	DEF AT 4
5730 / 5000	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
5850 / 5082	DEF AT local marker planktic foram increase	DEF AT 4
6030 / 5203	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6090 / 5244	DEF AT foram flood	DEF AT 4
6260 / 5359	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 816	Date of Summary: 16-JAN-1990	First Sample Examined: 1820
Lease Number: G04927	Source of Paleo: OPERATOR	Borehole MD: 7000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6419
API Well Number: 608164007400	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1820 - 6420	Water Depth: 706
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1820 / 1820	DEF AT first sample examined	DEF AT
2360 / 2360	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
2450 / 2450	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
2510 / 2510	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
2690 / 2690	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3050 / 3050	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3320 / 3320	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4400 / 4400	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
5870 / 5870	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6420 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 10-JUL-1989	First Sample Examined: 1800
Lease Number: G04928	Source of Paleo: OPERATOR	Borehole MD: 9014
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9014
API Well Number: 608164007300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1800 - 9000	Water Depth: 665
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 / 1800	DEF AT first sample examined	POS IN 3
1801 / 1801	DEF AT cement	POS IN 3
2310 / 2310	DEF AT - - - - -	DEF AT 4
2340 / 2340	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
2460 / 2460	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
2520 / 2520	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
2700 / 2700	DEF AT - - - - -	DEF AT 3
2790 / 2790	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
2940 / 2940	DEF AT - - - - -	DEF AT 4
3030 / 3030	DEF AT - - - - -	DEF AT 3
3150 / 3150	DEF AT - - - - -	DEF AT 4
3180 / 3180	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
3210 / 3210	DEF AT - - - - -	DEF AT 2
4110 / 4110	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
4740 / 4740	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 2
5760 / 5760	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5820 / 5820	DEF AT cement	POS AT 2
6060 / 6060	DEF AT - - - - -	DEF AT 1
6090 / 6090	DEF AT - - - - -	DEF AT 3
6210 / 6210	DEF AT - - - - -	DEF AT 4
6360 / 6360	DEF AT - - - - -	DEF AT 3
6450 / 6450	DEF AT - - - - -	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 10-JUL-1989	First Sample Examined: 1800
Lease Number: G04928	Source of Paleo: OPERATOR	Borehole MD: 9014
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9014
API Well Number: 608164007300	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1800 - 9000	Water Depth: 665
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
6900 / 6900	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
7260 / 7260	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
7290 / 7290	DEF AT - - - - -	DEF AT 4
8160 / 8160	DEF AT cement	POS AT 4
8220 / 8220	DEF AT - - - - -	DEF AT 4
8520 / 8520	DEF AT deepwater facies Listerella fauna	DEF AT 4
9000 / 9000	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 09-MAR-1983	First Sample Examined: 0
Lease Number: G04928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7505
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7505
API Well Number: 608164007600	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 780
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2220 / 2220	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2430 / 2430	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
2580 / 2580	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
2630 / 2630	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
4230 / 4230	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4830 / 4830	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6660 / 6659	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
7020 / 7019	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 29-AUG-1983	First Sample Examined: 0
Lease Number: G04928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5540
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5540
API Well Number: 608164007800	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 644
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2350 / 2350	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
2440 / 2440	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3310 / 3310	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
3490 / 3490	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
3940 / 3940	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT
4240 / 4240	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT
4360 / 4360	DEF AT local marker planktic foram increase	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 20-JUL-1989	First Sample Examined: 1700
Lease Number: G04928	Source of Paleo: OPERATOR	Borehole MD: 12063
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12060
API Well Number: 608164007700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1700 - 12050	Water Depth: 570
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1700 / 1700	DEF AT first sample examined	DEF AT
1701 / 1701	DEF AT cement	DEF AT
1800 / 1800	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
1910 / 1910	DEF AT - - - - -	DEF AT 4
2270 / 2269	DEF AT - - - - -	POS AT 4
2360 / 2359	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
2510 / 2509	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
2720 / 2719	DEF AT - - - - -	DEF AT 3
3530 / 3529	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4310 / 4309	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5060 / 5059	DEF AT - - - - -	POS AT 3
5090 / 5089	DEF AT - - - - -	DEF AT 1
5780 / 5779	DEF AT - - - - -	DEF AT 2
5810 / 5809	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
5870 / 5868	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6020 / 6018	DEF AT - - - - -	POS AT 3
6050 / 6048	DEF AT - - - - -	DEF AT 2
6170 / 6168	DEF AT - - - - -	POS AT 2
6380 / 6378	DEF AT - - - - -	DEF AT 3
6410 / 6408	DEF AT - - - - -	DEF AT 4
6470 / 6468	DEF AT - - - - -	DEF AT 3
6710 / 6708	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 20-JUL-1989	First Sample Examined: 1700
Lease Number: G04928	Source of Paleo: OPERATOR	Borehole MD: 12063
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12060
API Well Number: 608164007700	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1700 - 12050	Water Depth: 570
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6740 / 6738	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
6770 / 6768	DEF AT -----	DEF AT 3
6830 / 6828	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
7370 / 7368	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
7640 / 7638	DEF AT -----	DEF AT 4
7730 / 7728	DEF AT -----	DEF AT 5
7820 / 7818	DEF AT -----	DEF AT 4
7940 / 7938	DEF AT -----	POS AT 4
8360 / 8358	DEF AT -----	DEF AT 5
8420 / 8418	DEF AT -----	DEF AT 4
8690 / 8688	DEF AT -----	DEF AT 5
8840 / 8838	DEF AT -----	DEF AT 4
9230 / 9228	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11000 / 10997	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11840 / 11837	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12050 / 12047	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 817	Date of Summary: 22-SEP-1983	First Sample Examined: 0
Lease Number: G04928	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6510
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 6509
API Well Number: 608164007900	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 754
Public Info Code: Y 26-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2390 / 2390	DEF IN Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT
2540 / 2539	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3440 / 3439	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
3980 / 3979	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
4400 / 4399	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5600 / 5599	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6230 / 6229	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 861	Date of Summary: 09-MAY-1984	First Sample Examined: 0
Lease Number: G05782	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7508
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7507
API Well Number: 608164008000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 925
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2150 / 2150	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
2600 / 2600	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
2720 / 2720	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
3890 / 3890	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT
4220 / 4220	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
4490 / 4490	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5660 / 5660	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
6590 / 6590	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 861	Date of Summary: 10-JUL-1989	First Sample Examined: 2170
Lease Number: G05782	Source of Paleo: OPERATOR	Borehole MD: 8060
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8060
API Well Number: 608164008100	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 2170 - 8060	Water Depth: 1060
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2170 / 2170	DEF AT first sample examined	DEF AT
2171 / 2171	DEF AT cement	DEF AT
2740 / 2740	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2800 / 2800	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
2950 / 2950	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
3100 / 3100	DEF AT - - - - -	DEF AT 3
4420 / 4420	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
4660 / 4660	DEF AT cement	POS AT 3
4960 / 4960	DEF AT - - - - -	DEF AT 2
4990 / 4990	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5440 / 5440	DEF AT - - - - -	DEF AT 3
5710 / 5710	DEF AT - - - - -	DEF AT 4
6070 / 6070	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
6210 / 6210	DEF AT cement	POS AT 4
6250 / 6250	DEF AT - - - - -	DEF AT 3
6550 / 6550	DEF AT - - - - -	DEF AT 4
6700 / 6700	DEF AT - - - - -	DEF AT 3
7210 / 7210	DEF AT - - - - -	DEF AT 4
7300 / 7300	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
8060 / 8060	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 862	Date of Summary: 25-MAR-1982	First Sample Examined: 1500
Lease Number: G03208	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6363
Well Name: 004	Paleo Done By: ED COTTON	Borehole TVD: 6363
API Well Number: 608164006400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 1500 - 6360	Water Depth: 1022
Public Info Code: Y 01-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT first sample examined	DEF AT 4
1501 / 1501	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
1560 / 1560	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
1800 / 1800	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
2100 / 2100	DEF AT cement	POS AT 4
2220 / 2220	DEF AT pyrite	DEF AT 4
2610 / 2610	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 2
2639 / 2639	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
2640 / 2640	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
2670 / 2670	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
2700 / 2700	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
2850 / 2850	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
3870 / 3870	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
4230 / 4230	DEF AT reworked material	POS AT 4
5400 / 5399	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 4
5760 / 5759	DEF AT - - - -	DEF IN 4
6029 / 6028	DEF AT pyrite	DEF IN 4
6030 / 6029	POS AT Cyclammina cancellata (local marker)	DEF IN 4
6330 / 6329	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 863	Date of Summary: 13-JUL-1989	First Sample Examined: 3010
Lease Number: G04133	Source of Paleo: OPERATOR	Borehole MD: 15082
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15013
API Well Number: 608164006300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3010 - 15082	Water Depth: 1068
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3010 / 3010	DEF AT first sample examined	DEF AT
3011 / 3011	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
4870 / 4870	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6130 / 6130	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
9010 / 9010	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 5
12490 / 12472	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
13810 / 13787	POS AT Upper Miocene (Tortonian) Textularia "L"	POS IN 5
14320 / 14290	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 5
15082 / 15014	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 864	Date of Summary: 29-NOV-1982	First Sample Examined: 4510
Lease Number: G04498	Source of Paleo: OPERATOR	Borehole MD: 9160
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9157
API Well Number: 608164007200	Drilling Operator: CONOCO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 4510 - 9130	Water Depth: 1455
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 / 4510	DEF AT first sample examined	DEF AT
4511 / 4511	DEF AT cement	DEF AT
5100 / 5099	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5110 / 5109	DEF AT - - - - -	DEF AT 3
6010 / 6009	DEF AT local marker foram increase	DEF AT 3
6370 / 6369	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6910 / 6909	DEF AT Cyclammina sp. (local marker)	DEF AT 3
6911 / 6910	DEF AT Eggerella 3 (local marker)	DEF AT 3
8530 / 8528	DEF AT local marker deep water fauna	DEF AT 3
8770 / 8767	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9130 / 9127	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 900	Date of Summary: 23-MAY-1974	First Sample Examined: 1508
Lease Number: G02445	Source of Paleo: OPERATOR	Borehole MD: 9184
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9184
API Well Number: 608164000300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 1508 - 9180	Water Depth: 558
Public Info Code: Y 23-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1508 / 1508	DEF AT first sample examined	DEF IN 4
1720 / 1720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
3220 / 3220	DEF AT - - - - -	DEF AT 5
3340 / 3340	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
3600 / 3600	DEF AT - - - - -	DEF AT 4
4730 / 4730	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
6370 / 6369	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
7130 / 7129	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
9150 / 9145	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
9180 / 9175	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 900	Date of Summary: 12-JUN-1974	First Sample Examined: 4200
Lease Number: G02445	Source of Paleo: OPERATOR	Borehole MD: 8568
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7730
API Well Number: 608164000301	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 4200 - 8568	Water Depth: 558
Public Info Code: Y 09-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4200 / 4200	DEF AT first sample examined	DEF AT 4
4201 / 4201	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4710 / 4702	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
6510 / 6267	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
8568 / 7730	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 900	Date of Summary: 24-JUN-1974	First Sample Examined: 4200
Lease Number: G02445	Source of Paleo: OPERATOR	Borehole MD: 9745
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9700
API Well Number: 608164000302	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 4200 - 9748	Water Depth: 558
Public Info Code: Y 23-JUL-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4198	DEF AT first sample examined	DEF IN 3
5190 / 5174	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
6690 / 6434	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
7860 / 7203	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9470 / 8219	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
9748 / 8370	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 900	Date of Summary: 01-FEB-1978	First Sample Examined: 4147
Lease Number: G02445	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9277
Well Name: A006	Paleo Done By: LEE LATTA	Borehole TVD: 8494
API Well Number: 608164002000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 4147 - 9780	Water Depth: 340
Public Info Code: Y 03-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4147 / 3784	DEF AT first sample examined	DEF IN 3
4148 / 3785	POS IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
4295 / 3905	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 3
5375 / 4789	DEF AT cement	DEF IN 3
5405 / 4814	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
5555 / 4940	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6325 / 5615	DEF AT sample gap top	POS AT 3
7069 / 6326	DEF AT sample gap bottom	DEF AT 3
7070 / 6327	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
8280 / 7514	DEF AT sample gap top	POS AT 3
8549 / 7778	DEF AT sample gap bottom	POS AT 3
8550 / 7779	DEF IN Cyclammina cancellata (local marker)	DEF AT 4
8730 / 7956	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
8880 / 8104	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
9120 / 8340	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9180 / 8399	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
9360 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 6
9660 /	DEF AT local marker planktic foram increase	DEF AT 6
9780 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 900	Date of Summary: 01-FEB-1978	First Sample Examined: 6980
Lease Number: G02445	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12083
Well Name: A009	Paleo Done By: LEE LATTA	Borehole TVD: 11194
API Well Number: 608164002300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 6980 - 12000	Water Depth: 340
Public Info Code: Y 27-MAR-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6980 / 6099	DEF AT first sample examined	POS AT 4
6981 / 6100	POS IN Upper Miocene (Messinian) Textularia "X"	POS AT 4
7880 / 6991	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8060 / 7171	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8750 / 7861	DEF IN Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
8900 / 8011	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
8960 / 8071	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9170 / 8281	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9380 / 8491	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
9440 / 8551	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9560 / 8670	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 5
11190 / 10294	DEF AT Eggerella sp. (local marker)	DEF AT 5
12000 / 11091	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 906	Date of Summary: 30-JAN-1979	First Sample Examined: 1753
Lease Number: G03207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11670
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 11658
API Well Number: 608164004100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 1753 - 11670	Water Depth: 1363
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1753 / 1753	DEF AT first sample examined	DEF IN 4
1870 / 1870	DEF AT local marker planktic foram increase	DEF IN 4
2050 / 2050	DEF AT local marker planktic foram increase	DEF IN 4
2470 / 2470	DEF AT poor sample interval top	POS IN 4
3010 / 3010	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	POS IN 4
3070 / 3070	DEF AT poor sample interval bottom	DEF IN 4
3130 / 3130	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
3430 / 3430	DEF AT sample gap top	POS IN 4
3490 / 3490	DEF AT sample gap bottom	DEF IN 4
3790 / 3790	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 4
4090 / 4090	DEF AT poor sample interval top	POS IN 4
4930 / 4930	DEF AT poor sample interval bottom	DEF IN 4
5440 / 5440	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 4
6430 / 6429	DEF AT poor sample interval top	POS IN 4
6820 / 6819	DEF AT poor sample interval bottom	DEF IN 4
6940 / 6939	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
7600 / 7599	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
7690 / 7689	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7809 / 7807	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
7810 / 7808	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
8890 / 8887	DEF AT poor sample interval top	POS AT 5
9040 / 9036	DEF AT poor sample interval bottom	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 906	Date of Summary: 30-JAN-1979	First Sample Examined: 1753
Lease Number: G03207	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11670
Well Name: 002	Paleo Done By: JIM COOKE	Borehole TVD: 11658
API Well Number: 608164004100	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 1753 - 11670	Water Depth: 1363
Public Info Code: Y 30-JUN-1980	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9190 / 9186	DEF AT poor sample interval top	POS AT 5
9760 / 9755	DEF AT poor sample interval bottom	DEF AT 5
10360 / 10353	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
10420 / 10413	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10930 / 10921	DEF AT poor sample interval top	POS AT 5
11260 / 11249	DEF AT poor sample interval bottom	DEF AT 5
11670 / 11658	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 942	Date of Summary: 19-JAN-1982	First Sample Examined: 1600
Lease Number: G04249	Source of Paleo: OPERATOR	Borehole MD: 12241
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8895
API Well Number: 608164006500	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 1600 - 12220	Water Depth: 575
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1600 / 1600	DEF AT first sample examined	DEF AT 2
1601 / 1601	DEF AT poor sample interval top	DEF AT 2
2919 / 2881	DEF AT poor sample interval bottom	DEF AT 2
2920 / 2882	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4030 / 3708	DEF IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
4480 / 4006	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
4720 / 4170	DEF AT drilling material	DEF AT 2
5440 / 4664	DEF AT - - - - -	DEF AT 3
6069 / 5061	DEF AT glauconite	DEF AT 3
6070 / 5062	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6880 / 5529	DEF AT - - - - -	DEF AT 2
9550 / 7198	POS AT Cyclammia sp. (local marker)	DEF AT 3
9820 / 7376	DEF AT - - - - -	DEF AT 2
10569 / 7826	DEF AT Eggerella 3 (local marker)	DEF AT 4
10570 / 7827	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11590 /	DEF AT - - - - -	DEF AT 2
12040 /	DEF AT drilling material	POS AT 2
12220 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 943	Date of Summary: 01-FEB-1979	First Sample Examined: 3150
Lease Number: G02443	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8778
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8710
API Well Number: 608164001500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 3150 - 8730	Water Depth: 395
Public Info Code: Y 03-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3150 / 3148	DEF AT first sample examined	POS AT 3
3151 / 3149	DEF AT poor sample interval top	POS AT 3
3240 / 3238	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3990 / 3985	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 3
4230 / 4224	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 3
4320 / 4314	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
4380 / 4374	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
4770 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
4980 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
5460 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
5670 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
7650 /	DEF AT pyrite	DEF AT 4
8729 /	DEF AT poor sample interval bottom	DEF AT 4
8730 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VK 987	Date of Summary: 25-FEB-1983	First Sample Examined: 2440
Lease Number: G05077	Source of Paleo: OPERATOR	Borehole MD: 14760
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12155
API Well Number: 608164007500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 34
Paleo Report Num: 1 of 1	Sample Range: 2440 - 14760	Water Depth: 896
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2440 / 2438	DEF AT first sample examined	DEF IN 2
2500 / 2498	DEF AT - - - - -	DEF AT 3
3220 / 3213	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3490 / 3473	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5170 / 4901	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5440 / 5119	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9580 / 8228	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10210 / 8702	DEF AT - - - - -	DEF AT 5
13300 / 11102	DEF AT - - - - -	DEF AT 6
14760 / 12159	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VN 654	Date of Summary: 10-JUL-1981	First Sample Examined: 0
Lease Number: G03903	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10768
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10768
API Well Number: 608304000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 1 of 3	Sample Range: 0 - 0	Water Depth: 455
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1278 /	DEF AT Eocene	DEF AT
4220 /	DEF AT Paleocene	DEF AT
5140 /	DEF AT Upper (Late) Cretaceous	DEF AT
5612 /	DEF AT Upper Cretaceous Eagle Ford Group/Provincial Stage	DEF AT
5718 /	DEF AT Lower (Early) Cretaceous	DEF AT
6630 /	DEF AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT
7643 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
8350 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
8574 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
10062 /	DEF AT basement rock	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VN 654	Date of Summary: 31-OCT-1981	First Sample Examined: 5700
Lease Number: G03903	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10768
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10768
API Well Number: 608304000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 2 of 3	Sample Range: 1510 - 10766	Water Depth: 455
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1510 /	DEF AT first sample examined	DEF AT
1630 /	DEF AT sample gap top	DEF AT
5699 /	DEF AT sample gap bottom	DEF AT
5700 /	DEF IN Upper (Late) Cretaceous	DEF IN 2
6150 /	DEF AT Lower (Early) Cretaceous	DEF AT 2
6151 /	POS AT Upper-Lower Cretaceous Washita Group/Provincial Stage	DEF AT 2
6152 /	POS AT Lower Cretaceous Fredericksburg Group/Provincial Stage	DEF AT 2
7280 /	DEF AT Lower Cretaceous (Albian) Orbitolina texana	DEF AT 2
7400 /	DEF IN Lower Cretaceous (Albian) Eocytheropteron trinitensis (ostracod)	DEF IN 1
7680 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
9900 /	DEF AT granite wash	DEF AT
10740 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VN 654	Date of Summary: 09-NOV-1992	First Sample Examined: 1278
Lease Number: G03903	Source of Paleo: OPERATOR	Borehole MD: 10768
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10768
API Well Number: 608304000000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 73
Paleo Report Num: 3 of 3	Sample Range: 800 - 10768	Water Depth: 455
Public Info Code: Y 30-DEC-1983	Ecozone Eq MMS:	Paleo ID: 003

Remark: 5718=Lower Cenomanian? Hedbergella washitensis

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1278 /	DEF AT first sample examined	DEF AT
1279 /	DEF IN Lower Oligocene (Rupelian) Loxostoma "B"	DEF AT
4220 /	DEF AT Upper Paleocene (Thanetian) Morozovella uncinata	DEF AT
5140 /	DEF AT Upper Cretaceous (Maastrichtian) Abathomphalus mayaroensis	DEF AT
5612 /	DEF AT Upper Cretaceous (Turonian) Helvetoglobotruncana helvetica	DEF AT
5718 /	POS AT Upper Cretaceous (Cenomanian) Favusella washitensis	DEF AT
6630 /	DEF AT Lower Cretaceous (Albian) Dictyoconus walnutensis	DEF AT
7643 /	DEF AT Lower Cretaceous Paluxy Formation	DEF AT
8350 /	DEF AT Lower Cretaceous Sunniland Formation	DEF AT
8574 /	DEF AT Lower Cretaceous Ferry Lake Anhydrite	DEF AT
10062 /	DEF AT basement rock	DEF AT
10768 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 20-SEP-1978	First Sample Examined: 6000
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 14572
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14560
API Well Number: 177054014300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 62
Paleo Report Num: 1 of 2	Sample Range: 6000 - 7650	Water Depth: 34
Public Info Code: Y 30-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT
6330 / 6330	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
6960 / 6959	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
7650 / 7649	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 08-OCT-1978	First Sample Examined: 9950
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 14572
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14560
API Well Number: 177054014300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 62
Paleo Report Num: 2 of 2	Sample Range: 9950 - 14530	Water Depth: 34
Public Info Code: Y 30-MAR-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9950 / 9948	DEF AT first sample examined	DEF AT
10130 / 10128	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10640 / 10638	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
13780 / 13772	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
14530 / 14518	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 16-JAN-1977	First Sample Examined: 9980
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 010	Paleo Done By: OPERATOR	Borehole TVD: 14447
API Well Number: 177054021200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 9980 - 14500	Water Depth: 39
Public Info Code: Y 24-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 9979	DEF AT first sample examined	DEF AT
9981 / 9980	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
13090 / 13076	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
14500 / 14447	DEF AT last sample examined	DEF AT

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GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 23-APR-1975	First Sample Examined: 7000
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 10290
Well Name: JB001	Paleo Done By: OPERATOR	Borehole TVD: 10285
API Well Number: 177054013200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 7000 - 10304	Water Depth: 37
Public Info Code: Y 30-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 7000	DEF AT first sample examined	DEF AT
8206 / 8205	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8632 / 8631	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
9800 / 9797	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10304 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 15-MAR-1977	First Sample Examined: 9970
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 10788
Well Name: JB012	Paleo Done By: OPERATOR	Borehole TVD: 9455
API Well Number: 177054022700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 9970 - 10610	Water Depth: 37
Public Info Code: Y 26-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9970 / 8855	DEF AT first sample examined	DEF AT
10090 / 8944	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10610 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 30-SEP-1975	First Sample Examined: 7968
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 12850
Well Name: JC002	Paleo Done By: OPERATOR	Borehole TVD: 12206
API Well Number: 177054013600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 3	Sample Range: 7968 - 10470	Water Depth: 39
Public Info Code: Y 01-SEP-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark: Bypass 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7968 / 7730	DEF AT first sample examined	DEF AT
9216 / 8849	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10266 / 9794	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10470 / 9978	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 30-SEP-1975	First Sample Examined: 9507
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 12850
Well Name: JC002	Paleo Done By: OPERATOR	Borehole TVD: 12206
API Well Number: 177054013600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 2 of 3	Sample Range: 9507 - 10827	Water Depth: 39
Public Info Code: Y 01-SEP-1985	Ecozone Eq MMS:	Paleo ID: 004

Remark: Bypass 3 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9507 / 9116	DEF AT first sample examined	DEF AT
10125 / 9668	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10827 / 10304	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 22	Date of Summary: 30-SEP-1975	First Sample Examined: 9507
Lease Number: G02865	Source of Paleo: OPERATOR	Borehole MD: 12850
Well Name: JC002	Paleo Done By: OPERATOR	Borehole TVD: 12206
API Well Number: 177054013600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 3 of 3	Sample Range: 9507 - 12848	Water Depth: 39
Public Info Code: Y 01-SEP-1985	Ecozone Eq MMS:	Paleo ID: 005

Remark: Bypass 4 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9507 / 9116	DEF AT first sample examined	DEF AT
10205 / 9739	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12229 / 11629	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12510 / 11898	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
12848 / 12220	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 24	Date of Summary: 31-OCT-1978	First Sample Examined: 8450
Lease Number: G03543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11052
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10701
API Well Number: 177054027200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 8450 - 10750	Water Depth: 34
Public Info Code: Y 07-JAN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8450 / 8202	DEF AT first sample examined	DEF AT 2
8950 / 8651	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
9050 / 8743	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
9300 / 8975	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9650 / 9312	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
9750 / 9409	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
9950 / 9605	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
10000 / 9654	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
10050 / 9703	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
10700 / 10349	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
10750 / 10399	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 24	Date of Summary: 18-NOV-1982	First Sample Examined: 7000
Lease Number: G03543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18000
Well Name: 003	Paleo Done By: ED COTTON	Borehole TVD: 18000
API Well Number: 177054051800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 7000 - 18000	Water Depth: 25
Public Info Code: Y 14-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	POS AT 2
7300 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7420 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
7510 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7750 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
8200 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8640 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
8740 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
8770 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9280 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
9340 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9400 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
9580 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9640 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
10750 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11170 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
11620 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
11710 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11740 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
14320 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
17050 /	DEF AT sample gap top	POS AT 2
17230 /	DEF AT sample gap bottom	POS AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 24	Date of Summary: 18-NOV-1982	First Sample Examined: 7000
Lease Number: G03543	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18000
Well Name: 003	Paleo Done By: ED COTTON	Borehole TVD: 18000
API Well Number: 177054051800	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 7000 - 18000	Water Depth: 25
Public Info Code: Y 14-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17679 /	DEF AT poor sample interval top	DEF AT 4
17680 /	POS IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
17979 /	DEF AT poor sample interval bottom	DEF AT 4
18000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 26	Date of Summary: 17-JUN-1998	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11066
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11066
API Well Number: 177050004200	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 17-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7773 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
8200 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8752 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 26	Date of Summary: 07-NOV-1995	First Sample Examined: 0
Lease Number: 00297	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11961
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 11961
API Well Number: 177050004600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 06-AUG-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
5793 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
6375 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
6819 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
7260 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
8290 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8843 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
9535 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9832 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10087 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 27	Date of Summary: 20-JUL-1971	First Sample Examined: 6066
Lease Number: G01329	Source of Paleo: OPERATOR	Borehole MD: 14200
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14200
API Well Number: 177050024800	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 63
Paleo Report Num: 2 of 2	Sample Range: 6066 - 14200	Water Depth: 25
Public Info Code: Y 06-JAN-1974	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6066 /	DEF AT first sample examined	DEF AT
6067 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7555 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8220 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8790 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
9210 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
9450 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10180 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
10580 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11039 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
12080 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12200 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14200 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 29	Date of Summary: 19-DEC-1983	First Sample Examined: 0
Lease Number: G05398	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9050
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9050
API Well Number: 177054060800	Drilling Operator: TEXACO INC	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 11
Public Info Code: Y 31-DEC-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5940 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8675 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 31	Date of Summary: 24-JUN-1975	First Sample Examined: 8690
Lease Number: G02868	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13202
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13202
API Well Number: 177054013300	Drilling Operator: TEXACO INC	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 8690 - 13200	Water Depth: 12
Public Info Code: Y 17-MAY-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8690 /	DEF AT first sample examined	DEF AT
9590 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT
9635 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10130 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10400 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
10490 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11120 /	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11465 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12615 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12795 /	DEF AT glauconite	DEF AT
13200 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 36	Date of Summary: 05-MAR-1980	First Sample Examined: 11000
Lease Number: G04102	Source of Paleo: OPERATOR	Borehole MD: 15489
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15489
API Well Number: 177054039700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 11000 - 15500	Water Depth: 32
Public Info Code: Y 09-JUL-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
11000 /	DEF AT first sample examined	DEF AT 4
11001 /	POS IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
12250 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 4
12500 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
13025 /	DEF AT - - - - -	DEF AT 3
14035 /	DEF IN Middle Miocene (Langhian) Cibicides 38	DEF AT 4
15300 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
15500 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 36	Date of Summary: 13-MAY-1980	First Sample Examined: 8370
Lease Number: G04102	Source of Paleo: OPERATOR	Borehole MD: 11425
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11425
API Well Number: 177054040800	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 8370 - 11425	Water Depth: 31
Public Info Code: Y 09-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8370 /	DEF AT first sample examined	DEF AT
9120 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
9540 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT
9779 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9780 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
10060 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10628 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
10969 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
11425 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 36	Date of Summary: 16-JUN-1980	First Sample Examined: 7800
Lease Number: G04102	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11500
API Well Number: 177054041600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 7800 - 11500	Water Depth: 30
Public Info Code: Y 09-JUL-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7800 /	DEF AT first sample examined	DEF AT 3
9062 /	POS AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 4
9223 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
9596 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
9597 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
9598 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
9878 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
10311 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
10653 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
11500 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 37	Date of Summary: 03-OCT-1985	First Sample Examined: 4560
Lease Number: G03774	Source of Paleo: OPERATOR	Borehole MD: 18586
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18267
API Well Number: 177054069100	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 4560 - 17580	Water Depth: 36
Public Info Code: Y 16-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4560 / 4560	DEF AT first sample examined	DEF IN 2
6330 / 6329	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7350 / 7349	POS AT Upper Miocene (Tortonian) Discorbis 12	POS AT 3
8550 / 8549	POS AT Upper Miocene (Tortonian) Cibicides carstensi	POS AT 3
9180 / 9179	DEF AT Middle Miocene (Serravallian) Textularia "W"	POS AT 3
9840 / 9839	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	POS AT 3
10110 / 10109	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	POS AT 3
10260 / 10259	DEF AT - - - -	DEF AT 4
10950 / 10949	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
12600 / 12599	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
12690 / 12689	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
14710 / 14708	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
17580 / 17576	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 37	Date of Summary: 03-OCT-1985	First Sample Examined: 16980
Lease Number: G03774	Source of Paleo: OPERATOR	Borehole MD: 18586
Well Name: 009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 18267
API Well Number: 177054069100	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 16980 - 18510	Water Depth: 36
Public Info Code: Y 16-SEP-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16980 / 16977	DEF AT first sample examined	DEF AT 4
16981 / 16978	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
18510 / 18494	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 38	Date of Summary: 20-MAY-1970	First Sample Examined: 0
Lease Number: 00205	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11762
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11062
API Well Number: 177052000500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 09-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5691	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6350 / 6014	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6500 / 6152	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
8100 / 7609	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
8400 / 7885	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
9000 / 8443	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10300 / 9652	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 40	Date of Summary: 02-MAY-1984	First Sample Examined: 3610
Lease Number: G02869	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10364
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10358
API Well Number: 177054037800	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3610 - 10368	Water Depth: 42
Public Info Code: Y 28-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3610 / 3610	DEF AT first sample examined	DEF AT 2
6370 / 6370	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6520 / 6520	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
6790 / 6790	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7450 / 7450	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7540 / 7540	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
7780 / 7780	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
8020 / 8019	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
8410 / 8409	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
8440 / 8439	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
8919 / 8917	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8920 / 8918	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8950 / 8948	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
9220 / 9217	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 3
9700 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
9910 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10368 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 43	Date of Summary: 09-NOV-1982	First Sample Examined: 900
Lease Number: G03544	Source of Paleo: OPERATOR	Borehole MD: 10032
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10032
API Well Number: 177054054100	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 900 - 10020	Water Depth: 30
Public Info Code: Y 25-NOV-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
900 /	DEF AT first sample examined	DEF AT 1
6000 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6120 /	DEF AT - - - - -	DEF AT 2
7230 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7620 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8130 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
8700 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9390 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
9510 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10020 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 44	Date of Summary: 09-NOV-1982	First Sample Examined: 3500
Lease Number: G05025	Source of Paleo: OPERATOR	Borehole MD: 10100
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10000
API Well Number: 177054055300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3500 - 10090	Water Depth: 36
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 / 3500	DEF AT first sample examined	DEF AT 2
6200 / 6200	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6320 / 6320	DEF AT faunal change (no faunal increase)	DEF AT 2
7460 / 7459	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7820 / 7819	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8340 / 8339	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
8880 / 8879	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9600 / 9599	DEF AT sample gap top	POS AT 4
9730 / 9729	DEF AT sample gap bottom	DEF AT 4
9880 / 9879	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
10090 / 10089	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 46	Date of Summary: 15-FEB-1974	First Sample Examined: 0
Lease Number: 00079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10410
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 10410
API Well Number: 177054005900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 22-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

MD / TVD	Paleo Top Description	Ecozone
6603 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6765 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7459 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
7737 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT
8180 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
9504 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 46	Date of Summary: 05-JUL-1994	First Sample Examined: 0
Lease Number: 00079	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11353
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 10333
API Well Number: 177052006800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 30-JAN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7153 / 6575	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7390 / 6784	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
8106 / 7421	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8414 / 7695	POS IN Upper Miocene (Tortonian) Robulus 15	DEF AT
10220 / 9313	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 46	Date of Summary: 29-NOV-1962	First Sample Examined: 5900
Lease Number: 00550	Source of Paleo: OPERATOR	Borehole MD: 14181
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 14181
API Well Number: 177050006200	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 70
Paleo Report Num: 1 of 3	Sample Range: 5900 - 14180	Water Depth: 27
Public Info Code: Y 31-AUG-1960	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
5900 /	DEF AT first sample examined	DEF AT
6860 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7610 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8420 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
10590 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
10920 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12210 /	DEF AT local marker foram increase	DEF AT
12540 /	DEF AT sample gap top	DEF AT
13089 /	DEF AT sample gap bottom	DEF AT
13090 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13240 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13450 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT
13970 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
14180 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 47	Date of Summary: 09-MAY-1987	First Sample Examined: 0
Lease Number: G05027	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13851
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13848
API Well Number: 177054075200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 27
Public Info Code: Y 16-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6250 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6430 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7450 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7810 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8290 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
9430 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10750 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10930 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
13030 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13600 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 48	Date of Summary: 26-JUL-1979	First Sample Examined: 3000
Lease Number: G03121	Source of Paleo: OPERATOR	Borehole MD: 10788
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10788
API Well Number: 177054033400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3000 - 10770	Water Depth: 20
Public Info Code: Y 17-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
3001 /	DEF AT cement	DEF AT
3002 /	DEF AT non-marine sediment	DEF AT 0
3060 /	DEF AT - - - - -	DEF AT 1
3330 /	DEF AT - - - - -	DEF AT 2
3510 /	DEF AT - - - - -	DEF AT 1
4770 /	DEF AT - - - - -	DEF AT 2
6360 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6540 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6780 /	DEF IN - - - - -	DEF AT 3
7290 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9120 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9300 /	POS AT Cyclammina sp. (local marker)	DEF AT 4
9719 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9720 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
9840 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
10170 /	DEF AT - - - - -	DEF AT 4
10680 /	DEF AT local marker foram increase	DEF AT 5
10770 /	DEF AT last sample examined	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 48	Date of Summary: 28-AUG-1980	First Sample Examined: 3000
Lease Number: G03121	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15000
API Well Number: 177054042600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3000 - 14980	Water Depth: 20
Public Info Code: Y 17-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT 1
5320 /	DEF AT - - - - -	DEF AT 2
6600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7800 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
8189 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8190 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
9050 /	DEF AT sample gap top	POS AT 3
9260 /	DEF AT sample gap bottom	DEF AT 3
9350 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9749 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
9750 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
9930 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11140 /	DEF AT - - - - -	DEF AT 5
11170 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 5
11320 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11720 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11890 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12270 /	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
12390 /	DEF AT deepwater facies Harang	DEF AT 5
13160 /	DEF AT - - - - -	DEF AT 4
13590 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
13920 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 48	Date of Summary: 28-AUG-1980	First Sample Examined: 3000
Lease Number: G03121	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15000
API Well Number: 177054042600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3000 - 14980	Water Depth: 20
Public Info Code: Y 17-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14980 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 51	Date of Summary: 05-JUL-1979	First Sample Examined: 12850
Lease Number: G03545	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16658
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16658
API Well Number: 177054032700	Drilling Operator: TEXACO INC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 12850 - 16690	Water Depth: 20
Public Info Code: Y 31-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
12850 /	DEF AT first sample examined	POS AT 3
12940 /	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13060 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
13555 /	POS AT local marker planktic foram increase	DEF AT 3
14065 /	POS AT Cyclamina cancellata (local marker)	DEF AT 4
14275 /	DEF AT local marker benthic foram increase	DEF AT 4
15105 /	DEF AT local marker planktic foram increase	DEF AT 4
15345 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
15575 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
16690 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 51	Date of Summary: 31-JAN-1983	First Sample Examined: 0
Lease Number: G03545	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14821
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14818
API Well Number: 177054053200	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 16
Public Info Code: Y 31-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6230 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6440 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8690 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11250 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12060 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 54	Date of Summary: 01-OCT-1971	First Sample Examined: 7460
Lease Number: G01120	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177050009900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 46
Paleo Report Num: 2 of 2	Sample Range: 7460 - 13535	Water Depth: 30
Public Info Code: Y 21-AUG-1974	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7460 /	DEF AT first sample examined	DEF AT
7700 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8780 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9800 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11000 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13210 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13480 /	DEF AT local marker foram increase	DEF AT
13535 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 54	Date of Summary: 25-OCT-1963	First Sample Examined: 0
Lease Number: G01120	Source of Paleo: OPERATOR	Borehole MD: 15600
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15600
API Well Number: 177050025000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 6000 - 15600	Water Depth: 30
Public Info Code: Y 21-AUG-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7770 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8880 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9780 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
11140 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12690 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
13330 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
14410 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
15460 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 54	Date of Summary: 13-NOV-1972	First Sample Examined: 9000
Lease Number: G01120	Source of Paleo: OPERATOR	Borehole MD: 14578
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14578
API Well Number: 177054005600	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 9000 - 14578	Water Depth: 30
Public Info Code: Y 21-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF IN 3
9300 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9630 /	DEF AT - - - -	DEF AT 4
9840 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11250 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12630 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 4
13200 /	DEF AT sample gap top	DEF AT 4
13229 /	DEF AT sample gap bottom	DEF AT 4
13230 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
13590 /	DEF AT local marker foram increase	DEF AT 4
14250 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14578 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 54	Date of Summary: 14-DEC-1981	First Sample Examined: 10000
Lease Number: G03976	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 177054046900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 10000 - 16487	Water Depth: 23
Public Info Code: Y 05-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT
10828 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
16487 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 60	Date of Summary: 10-DEC-1975	First Sample Examined: 6740
Lease Number: G02870	Source of Paleo: OPERATOR	Borehole MD: 10013
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10013
API Well Number: 177054013000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 6740 - 9960	Water Depth: 44
Public Info Code: Y 10-MAR-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6740 /	DEF AT first sample examined	DEF AT 1
7170 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
7500 /	DEF AT sample gap top	POS AT 1
7679 /	DEF AT sample gap bottom	DEF AT 1
7680 /	DEF IN Upper Miocene (Tortonian) Robulus 15	DEF AT 1
8520 /	DEF AT local marker foram increase	DEF AT 1
8970 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9840 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
9960 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 60	Date of Summary: 17-APR-1984	First Sample Examined: 3500
Lease Number: G02870	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10013
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 10013
API Well Number: 177054013000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 3500 - 9960	Water Depth: 44
Public Info Code: Y 10-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF AT 1
5840 /	DEF AT sample gap top	POS AT 1
6740 /	DEF AT sample gap bottom	POS AT 1
6800 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7500 /	DEF AT sample gap top	POS AT 2
7679 /	DEF AT sample gap bottom	DEF AT 2
7680 /	DEF IN Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 3
7980 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8610 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 2
8940 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9690 /	DEF AT sample gap top	POS AT 3
9749 /	DEF AT sample gap bottom	DEF AT 3
9750 /	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9780 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
9870 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
9960 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 61	Date of Summary: 30-APR-1980	First Sample Examined: 4600
Lease Number: G03547	Source of Paleo: OPERATOR	Borehole MD: 9555
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9555
API Well Number: 177054041200	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4600 - 9550	Water Depth: 54
Public Info Code: Y 24-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 /	DEF AT first sample examined	DEF IN 1
5440 /	DEF AT - - - - -	DEF AT 2
5680 /	DEF AT - - - - -	DEF AT 3
6520 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6910 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8260 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8710 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9550 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 61	Date of Summary: 12-AUG-1982	First Sample Examined: 14530
Lease Number: G03547	Source of Paleo: OPERATOR	Borehole MD: 11387
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11381
API Well Number: 177054054000	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4530 - 11380	Water Depth: 48
Public Info Code: Y 24-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 /	DEF AT first sample examined	DEF IN 1
5130 /	DEF AT - - - - -	DEF AT 2
5190 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6660 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7050 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
7590 /	DEF AT - - - - -	DEF AT 3
8160 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8820 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9520 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
9700 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10450 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
10870 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
11380 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 61	Date of Summary: 09-NOV-1982	First Sample Examined: 3500
Lease Number: G03547	Source of Paleo: OPERATOR	Borehole MD: 9300
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9300
API Well Number: 177054055400	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9055	Water Depth: 48
Public Info Code: Y 24-JAN-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF AT 1
6270 /	DEF AT - - - - -	DEF AT 2
6550 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6610 /	DEF AT - - - - -	DEF AT 1
7170 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
7750 /	DEF AT local marker foram increase	DEF AT 3
8050 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8240 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8900 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9055 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 64	Date of Summary: 17-MAY-1971	First Sample Examined: 6365
Lease Number: G02068	Source of Paleo: OPERATOR	Borehole MD: 10338
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10338
API Well Number: 177052006600	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 6365 - 10338	Water Depth: 41
Public Info Code: Y 24-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6365 /	DEF AT first sample examined	DEF AT
6366 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9353 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
10070 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
10338 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 64	Date of Summary: 19-OCT-1975	First Sample Examined: 0
Lease Number: G02068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10242
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10242
API Well Number: 177054014500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 24-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6260 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6830 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7248 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9850 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 64	Date of Summary: 28-JAN-1983	First Sample Examined: 0
Lease Number: G02068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9850
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9300
API Well Number: 177054049700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 121
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 24-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6814 / 6552	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7400 / 7085	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
7525 / 7200	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
8108 / 7729	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8756 / 8314	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9726 / 9188	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 64	Date of Summary: 02-NOV-1984	First Sample Examined: 0
Lease Number: G02068	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14100
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 12629
API Well Number: 177054065700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 24-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8754 / 8703	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12722 / 11711	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13546 / 12260	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 71	Date of Summary: 12-APR-1963	First Sample Examined: 0
Lease Number: 00248	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177050011700	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 11-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10187 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
12356 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13478 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 71	Date of Summary: 01-APR-1970	First Sample Examined: 0
Lease Number: 00248	Source of Paleo: OPERATOR	Borehole MD: 15665
Well Name: 011	Paleo Done By: OPERATOR	Borehole TVD: 15665
API Well Number: 177052002400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 15
Public Info Code: Y 11-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11790 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13550 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14960 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 72	Date of Summary: 21-JAN-1972	First Sample Examined: 5000
Lease Number: G01479	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13000
API Well Number: 177050039700	Drilling Operator: TEXACO INC	Rkb Elevation: 44
Paleo Report Num: 1 of 2	Sample Range: 5000 - 10640	Water Depth: 25
Public Info Code: Y 30-SEP-1969	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 1
7100 /	DEF AT faunal change (no faunal increase)	DEF IN 1
7250 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7640 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8210 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
8750 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
9050 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
9620 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF IN 2
10000 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 2
10280 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10460 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 3
10640 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 72	Date of Summary: 30-JAN-1972	First Sample Examined: 5300
Lease Number: G01479	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13000
API Well Number: 177050039700	Drilling Operator: TEXACO INC	Rkb Elevation: 44
Paleo Report Num: 2 of 2	Sample Range: 5300 - 13000	Water Depth: 25
Public Info Code: Y 30-SEP-1969	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 /	DEF AT first sample examined	DEF AT 1
5750 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
6170 /	DEF AT local marker benthic foram increase	DEF IN 1
6470 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6500 /	DEF AT local marker foram decrease	DEF AT 1
6950 /	DEF AT faunal change (no faunal increase)	DEF IN 1
7250 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7340 /	POS AT local marker foram decrease	DEF IN 1
7790 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
7910 /	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 2
8240 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF IN 2
8660 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
8810 /	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
9169 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
9170 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF IN 2
10390 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10509 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
10510 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10930 /	POS AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
11020 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11325 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11470 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 72	Date of Summary: 30-JAN-1972	First Sample Examined: 5300
Lease Number: G01479	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13000
API Well Number: 177050039700	Drilling Operator: TEXACO INC	Rkb Elevation: 44
Paleo Report Num: 2 of 2	Sample Range: 5300 - 13000	Water Depth: 25
Public Info Code: Y 30-SEP-1969	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11980 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
12000 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
12330 /	DEF AT Eggerella sp. (local marker)	DEF IN 3
12720 /	DEF AT local marker foram increase	DEF IN 3
12810 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 3
13000 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 73	Date of Summary: 11-JAN-1983	First Sample Examined: 0
Lease Number: G03548	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12700
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11830
API Well Number: 177054052600	Drilling Operator: RUTHERFORD OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7039 / 7029	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8250 / 8139	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
8310 / 8190	DEF AT Cyclammina sp. (local marker)	DEF AT
11350 / 10813	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
11830 / 11216	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 74	Date of Summary: 20-JUN-1978	First Sample Examined: 7990
Lease Number: G03549	Source of Paleo: OPERATOR	Borehole MD: 16308
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16244
API Well Number: 177054028700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 1 of 2	Sample Range: 7990 - 16300	Water Depth: 25
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7990 / 7971	DEF AT first sample examined	DEF AT
9340 / 9310	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9870 / 9837	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13540 / 13505	POS IN deepwater facies Harang	DEF AT
13780 / 13745	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
16300 / 16236	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 74	Date of Summary: 17-JUL-1978	First Sample Examined: 7900
Lease Number: G03549	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16308
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16244
API Well Number: 177054028700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 7900 - 16300	Water Depth: 25
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7882	DEF AT first sample examined	DEF AT 3
8440 / 8418	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8920 / 8894	DEF AT local marker foram decrease	DEF AT 3
8950 / 8924	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
9370 / 9340	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9550 / 9518	DEF AT local marker foram decrease	DEF IN 2
9790 / 9757	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 3
9900 / 9867	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
10230 / 10196	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10650 / 10616	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11100 / 11066	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11280 / 11246	DEF AT local marker foram decrease	DEF AT 4
11470 / 11436	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
11860 / 11826	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
12850 / 12815	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 4
13030 / 12995	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 4
13060 / 13025	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 4
13240 / 13205	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
13450 / 13415	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
13570 / 13535	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
13780 / 13745	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
14230 / 14193	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 74	Date of Summary: 17-JUL-1978	First Sample Examined: 7900
Lease Number: G03549	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16308
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16244
API Well Number: 177054028700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 78
Paleo Report Num: 2 of 2	Sample Range: 7900 - 16300	Water Depth: 25
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14980 / 14935	DEF AT local marker benthic foram increase	DEF AT 4
16270 / 16206	DEF AT Eggerella sp. (local marker)	DEF AT 4
16300 / 16236	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 79	Date of Summary: 21-JUN-1983	First Sample Examined: 5500
Lease Number: G04788	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17007
API Well Number: 177054058200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 5500 - 17100	Water Depth: 30
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5500	DEF AT first sample examined	DEF AT 1
6970 / 6970	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7600 / 7600	DEF AT local white Arenacous fauna	DEF AT 2
8170 / 8170	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8829 / 8829	DEF AT Cyclammina sp. (local marker)	DEF AT 2
8830 / 8830	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
9670 / 9670	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 3
9940 / 9940	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10300 / 10299	DEF AT - - - - -	DEF AT 1
11140 / 11139	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
11500 / 11497	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
12400 / 12381	DEF AT - - - - -	DEF AT 2
13838 / 13785	DEF AT Eggerella sp. (local marker)	DEF AT 4
13839 / 13786	DEF AT deepwater facies Harang	DEF AT 4
13840 / 13787	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
14770 / 14701	DEF AT Middle Miocene (Serravallian) Cibicides barnetti	DEF AT 4
15040 / 14966	DEF AT - - - - -	DEF AT 2
15450 / 15369	DEF AT cement	POS AT 2
15540 / 15458	DEF AT - - - - -	DEF AT 2
16078 / 15991	DEF AT foram flood	DEF AT 4
16079 / 15992	DEF AT local marker planktic foram increase	DEF AT 4
16080 / 15993	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 79	Date of Summary: 21-JUN-1983	First Sample Examined: 5500
Lease Number: G04788	Source of Paleo: OPERATOR	Borehole MD: 17100
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 17007
API Well Number: 177054058200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 2	Sample Range: 5500 - 17100	Water Depth: 30
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17100 / 17007	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 79	Date of Summary: 15-MAY-1984	First Sample Examined: 5500
Lease Number: G04788	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17100
Well Name: 004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17007
API Well Number: 177054058200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 5500 - 17100	Water Depth: 30
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5500	DEF AT first sample examined	DEF AT 2
6970 / 6970	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7600 / 7600	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
7720 / 7720	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 3
8170 / 8170	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8590 / 8590	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
8890 / 8890	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9639 / 9639	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9640 / 9640	DEF AT foram flood	DEF AT 4
9850 / 9850	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
9940 / 9940	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11140 / 11139	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11380 / 11378	DEF AT local marker foram increase	DEF AT 4
11560 / 11556	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
13600 / 13552	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
13840 / 13787	DEF AT deepwater facies Harang	DEF AT 5
14410 / 14345	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
14770 / 14701	DEF AT faunal change (no faunal increase)	DEF AT 5
14890 / 14819	POS AT Middle Miocene (Langhian) Globigerinoides siccanus	DEF IN 5
15300 / 15221	DEF AT local marker benthic foram increase	DEF AT 5
15390 / 15310	DEF AT local marker benthic foram increase	DEF AT 5
16080 / 15993	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 79	Date of Summary: 15-MAY-1984	First Sample Examined: 5500
Lease Number: G04788	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17100
Well Name: 004	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 17007
API Well Number: 177054058200	Drilling Operator: ANADARKO PETROLEUM CORPORATION	Rkb Elevation: 110
Paleo Report Num: 2 of 2	Sample Range: 5500 - 17100	Water Depth: 30
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16830 / 16738	DEF AT faunal change (no faunal increase)	DEF IN 5
17070 / 16977	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 5
17100 / 17007	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 83	Date of Summary: 08-OCT-1981	First Sample Examined: 0
Lease Number: G03979	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9512
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9095
API Well Number: 177054039000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 56
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7280 / 6996	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7490 / 7193	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8000 / 7672	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8240 / 7899	DEF AT Cyclammina sp. (local marker)	DEF AT
8360 / 8012	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
9050 / 8661	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 84	Date of Summary: 26-MAY-1977	First Sample Examined: 0
Lease Number: G03124	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11085
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11085
API Well Number: 177054023500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 25-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6442 / 6441	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7169 / 7168	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
8676 / 8675	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
10492 / 10490	DEF IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 84	Date of Summary: 02-JUN-1977	First Sample Examined: 0
Lease Number: G03124	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10875
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9990
API Well Number: 177054024300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 11-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6820 / 6439	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7657 / 7178	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
8524 / 7947	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9448 / 8748	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 84	Date of Summary: 25-MAY-1977	First Sample Examined: 0
Lease Number: G03124	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10280
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 9184
API Well Number: 177054024700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 26-MAY-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7050 / 6480	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7884 / 7171	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
8814 / 7958	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9768 / 8756	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 84	Date of Summary: 26-MAY-1977	First Sample Examined: 0
Lease Number: G03124	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9302
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 8998
API Well Number: 177054024800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 50
Public Info Code: Y 06-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6663 / 6433	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7418 / 7147	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT
8215 / 7919	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9070 / 8767	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 87	Date of Summary: 25-APR-1985	First Sample Examined: 5590
Lease Number: G01121	Source of Paleo: OPERATOR	Borehole MD: 12020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12020
API Well Number: 177050033200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 5590 - 12005	Water Depth: 33
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5590 /	DEF AT first sample examined	DEF AT 1
5591 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
6430 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 1
7120 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
7960 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8530 /	DEF AT sample gap top	POS AT 1
9830 /	DEF AT sample gap bottom	DEF AT 1
10090 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10829 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
12005 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 91	Date of Summary: 22-JUL-1982	First Sample Examined: 1200
Lease Number: G04423	Source of Paleo: OPERATOR	Borehole MD: 17464
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 17456
API Well Number: 177054053600	Drilling Operator: MARATHON PIPE LINE COMPANY	Rkb Elevation: 148
Paleo Report Num: 1 of 2	Sample Range: 1200 - 9000	Water Depth: 17
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF IN 1
3090 / 3090	POS AT - - - - -	DEF AT 2
6990 / 6990	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7860 / 7860	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8340 / 8340	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8610 / 8610	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8730 / 8730	DEF AT - - - - -	DEF AT 3
9000 / 9000	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 91	Date of Summary: 05-APR-1985	First Sample Examined: 1200
Lease Number: G04423	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17464
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 17456
API Well Number: 177054053600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 148
Paleo Report Num: 2 of 2	Sample Range: 1200 - 17460	Water Depth: 17
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 / 1200	DEF AT first sample examined	DEF IN 1
6390 / 6390	DEF AT shell fragments	DEF IN 1
6960 / 6960	DEF AT - - - -	DEF AT 2
7020 / 7020	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
7680 / 7680	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 2
7710 / 7710	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 2
7860 / 7860	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
8070 / 8070	DEF AT Eggerella sp. (local marker)	DEF IN 2
8250 / 8250	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
8520 / 8520	DEF AT local marker benthic foram increase	DEF IN 2
8610 / 8610	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 2
8730 / 8730	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	POS AT 3
8849 / 8849	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
8850 / 8850	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8940 / 8940	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9780 / 9780	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 3
9960 / 9960	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
9990 / 9990	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
10350 / 10349	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
11249 / 11248	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT 4
11250 / 11249	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
11640 / 11639	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 91	Date of Summary: 05-APR-1985	First Sample Examined: 1200
Lease Number: G04423	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17464
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 17456
API Well Number: 177054053600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 148
Paleo Report Num: 2 of 2	Sample Range: 1200 - 17460	Water Depth: 17
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
12239 / 12238	DEF AT foram flood	DEF IN 4
12240 / 12239	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
12330 / 12329	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF IN 4
12870 / 12868	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 4
12960 / 12958	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF IN 4
13198 / 13196	DEF AT Bathysiphon fauna	DEF IN 4
13199 / 13197	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13200 / 13198	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
13390 / 13387	DEF AT foram flood	DEF IN 4
14010 / 14007	DEF AT Eggerella sp. (local marker)	DEF IN 4
14490 / 14486	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
14940 / 14936	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
15030 / 15026	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
15599 / 15595	DEF AT Bathysiphon fauna	DEF AT 5
15600 / 15596	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
15930 / 15926	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
16140 / 16136	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 5
16230 / 16226	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
16320 / 16316	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
16680 / 16675	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
16830 / 16825	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
17310 / 17303	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 5
17460 / 17453	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 114	Date of Summary: 29-MAY-1969	First Sample Examined: 0
Lease Number: 00769	Source of Paleo: OPERATOR	Borehole MD: 13438
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13438
API Well Number: 177050014200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 66
Paleo Report Num: 2 of 3	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 28-APR-1965	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9650 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
12210 /	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF AT
12540 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
13260 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 114	Date of Summary: 29-MAY-1969	First Sample Examined: 0
Lease Number: 00769	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177050014100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 51
Public Info Code: Y 28-APR-1965	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6380 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7970 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 115	Date of Summary: 30-APR-1961	First Sample Examined: 0
Lease Number: 00770	Source of Paleo: OPERATOR	Borehole MD: 12501
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12501
API Well Number: 177050013500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 30-MAR-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8425 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9698 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10557 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 115	Date of Summary: 26-FEB-1962	First Sample Examined: 0
Lease Number: 00770	Source of Paleo: OPERATOR	Borehole MD: 11556
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11556
API Well Number: 177050013800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 30-MAR-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6616 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 115	Date of Summary: 13-AUG-1963	First Sample Examined: 0
Lease Number: 00770	Source of Paleo: OPERATOR	Borehole MD: 12051
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12051
API Well Number: 177050013400	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 52
Public Info Code: Y 30-MAR-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8990 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9530 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10730 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 118	Date of Summary: 16-SEP-1983	First Sample Examined: 4530
Lease Number: G04789	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11500
API Well Number: 177054060700	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 4530 - 11500	Water Depth: 66
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4530 /	DEF AT first sample examined	DEF IN 2
5790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7650 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
8790 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9510 /	DEF AT - - - - -	DEF AT 4
9960 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11370 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 127	Date of Summary: 10-NOV-1960	First Sample Examined: 8180
Lease Number: 00772	Source of Paleo: OPERATOR	Borehole MD: 13557
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13557
API Well Number: 177050013100	Drilling Operator: CONOCO INC	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 8180 - 13540	Water Depth: 67
Public Info Code: Y 30-APR-1965	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8180 /	DEF AT first sample examined	DEF AT 1
10360 /	POS AT Arenaceous fauna (local marker)	DEF AT 2
11290 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11670 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
12210 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
13330 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
13540 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 129	Date of Summary: 11-MAY-1965	First Sample Examined: 11000
Lease Number: 00774	Source of Paleo: OPERATOR	Borehole MD: 13686
Well Name: B001	Paleo Done By: ED ROEDERER	Borehole TVD: 13686
API Well Number: 177050030800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 11000 - 13670	Water Depth: 66
Public Info Code: Y 26-APR-1968	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /	DEF AT first sample examined	DEF AT
11400 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
12830 /	DEF AT local marker foram increase	DEF AT
13160 /	DEF AT gray shale	DEF AT
13670 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 25-JAN-1965	First Sample Examined: 10000
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14000
API Well Number: 177050014300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 10000 - 13980	Water Depth: 55
Public Info Code: Y 07-SEP-1970	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 /	DEF AT first sample examined	DEF AT 1
10630 /	DEF AT -----	DEF AT 2
10870 /	DEF AT -----	DEF AT 3
11570 /	DEF AT -----	DEF AT 2
12620 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
13000 /	DEF AT -----	DEF AT 1
13980 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 12-DEC-1968	First Sample Examined: 4010
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177050014300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 4010 - 13980	Water Depth: 55
Public Info Code: Y 07-SEP-1970	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 / 4009	DEF AT first sample examined	DEF AT 1
4750 /	DEF AT -----	DEF AT 2
5240 /	DEF AT -----	DEF AT 1
6050 /	DEF AT -----	DEF AT 2
6080 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
6350 /	DEF AT -----	DEF AT 1
6680 /	DEF AT -----	DEF AT 2
7070 /	DEF AT -----	DEF AT 1
7340 /	DEF AT -----	DEF AT 2
9930 /	DEF AT -----	DEF AT 3
9960 /	DEF AT -----	DEF AT 2
10690 /	DEF AT -----	DEF AT 3
10840 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10870 /	DEF AT -----	DEF AT 3
11270 /	DEF AT -----	DEF AT 4
11300 /	DEF AT -----	DEF AT 3
11570 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12410 /	DEF AT -----	DEF AT 4
12650 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
12980 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
13320 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
13980 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 17-NOV-1960	First Sample Examined: 7690
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177050014900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 77
Paleo Report Num: 1 of 3	Sample Range: 7690 - 13930	Water Depth: 55
Public Info Code: Y 11-NOV-1970	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
7690 /	DEF AT first sample examined	DEF AT
11090 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
12950 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
13540 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 2
13930 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 17-OCT-1968	First Sample Examined: 10910
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14000
API Well Number: 177050014900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 77
Paleo Report Num: 2 of 3	Sample Range: 10910 - 13930	Water Depth: 55
Public Info Code: Y 11-NOV-1970	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10910 /	DEF AT first sample examined	DEF AT 1
11000 /	DEF AT -----	DEF AT 2
11750 /	DEF AT -----	DEF AT 1
12080 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
13450 /	DEF AT -----	DEF AT 2
13870 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
13930 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 03-MAY-1962	First Sample Examined: 9870
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 12083
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11687
API Well Number: 177050014800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 9870 - 12040	Water Depth: 50
Public Info Code: Y 11-MAY-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9870 / 9503	DEF AT first sample examined	DEF AT
11410 / 11022	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12040 / 11650	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 28-MAY-1964	First Sample Examined: 5489
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177050026800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 5489 - 9905	Water Depth: 50
Public Info Code: Y 18-JUN-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5489 /	DEF AT first sample examined	DEF AT
6138 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9454 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9711 /	DEF AT local marker (general)	DEF AT
9905 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 30-JUN-1993	First Sample Examined: 0
Lease Number: 00775	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11500
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177050018000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 58
Public Info Code: Y 17-APR-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4158 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
5839 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 01-DEC-1968	First Sample Examined: 13089
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 15380
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 14412
API Well Number: 177050043000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 13089 - 15380	Water Depth: 50
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13089 / 12450	DEF AT first sample examined	DEF AT 2
13090 / 12450	DEF IN Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
13480 / 12795	DEF AT - - - - -	DEF AT 3
13540 / 12847	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
14718 / 13862	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
15019 / 14118	DEF AT local marker foram increase	DEF AT 3
15079 / 14169	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
15380 / 14426	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 17-APR-1961	First Sample Examined: 9480
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 13550
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13550
API Well Number: 177050014500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 9480 - 13550	Water Depth: 57
Public Info Code: Y 29-APR-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9480 /	DEF AT first sample examined	DEF AT
10451 /	DEF AT - - - - -	DEF AT 2
10661 /	DEF AT - - - - -	DEF AT 3
10901 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11560 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
11750 /	DEF AT - - - - -	DEF AT 2
12160 /	DEF AT - - - - -	DEF AT 3
12490 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
12750 /	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
13550 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 12-JUL-1961	First Sample Examined: 9100
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14515
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 13886
API Well Number: 177050014600	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 9100 - 14300	Water Depth: 57
Public Info Code: Y 12-JUL-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9100 / 8762	DEF AT first sample examined	DEF AT 1
9550 / 9185	DEF AT -----	DEF AT 2
9630 / 9260	DEF AT -----	DEF AT 1
9750 / 9372	DEF AT -----	DEF AT 2
9930 / 9539	DEF AT -----	DEF AT 1
10950 / 10495	DEF AT -----	DEF AT 2
10980 / 10523	DEF AT -----	DEF AT 1
11190 / 10721	DEF AT -----	DEF AT 2
11220 / 10750	DEF AT -----	DEF AT 1
11340 / 10864	DEF AT -----	DEF AT 3
11430 / 10949	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12140 / 11623	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12400 / 11869	DEF AT -----	DEF AT 2
12700 / 12150	DEF AT -----	DEF AT 3
13130 / 12539	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
13550 / 12923	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
14300 / 13608	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 15-MAY-1962	First Sample Examined: 9500
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14044
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 13396
API Well Number: 177050014400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 9500 - 14020	Water Depth: 57
Public Info Code: Y 27-APR-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9500 / 8982	DEF AT first sample examined	DEF AT
11810 / 11166	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12530 / 11884	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
13250 / 12603	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13480 / 12832	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
14020 / 13372	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 20-JUN-1962	First Sample Examined: 10970
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14150
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13743
API Well Number: 177050014700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 50
Paleo Report Num: 1 of 1	Sample Range: 10970 - 14159	Water Depth: 57
Public Info Code: Y 22-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10970 / 10647	DEF AT first sample examined	DEF AT
11500 / 11129	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13110 / 12701	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13500 / 13091	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
14159 /	DEF AT last sample examined	DEF AT

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End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 20-FEB-1962	First Sample Examined: 8964
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 13550
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 12968
API Well Number: 177050015000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 8964 - 14180	Water Depth: 50
Public Info Code: Y 09-FEB-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8964 / 8538	DEF AT first sample examined	DEF AT 1
10970 / 10437	DEF AT -----	DEF AT 2
11150 / 10610	DEF AT -----	DEF AT 1
11510 / 10956	DEF AT -----	DEF AT 2
11570 / 11014	DEF AT -----	DEF AT 1
12000 / 11433	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
12300 / 11731	DEF AT -----	DEF AT 2
12790 / 12220	DEF AT -----	DEF AT 3
12792 / 12222	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
13830 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
14180 /	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1987

Area Block: VR 131	Date of Summary: 09-JAN-1967	First Sample Examined: 10510
Lease Number: 00775	Source of Paleo: OPERATOR	Borehole MD: 14964
Well Name: C006	Paleo Done By: OPERATOR	Borehole TVD: 14864
API Well Number: 177050038700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10510 - 14930	Water Depth: 60
Public Info Code: Y 15-JAN-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10510 / 10411	DEF AT first sample examined	DEF AT 1
11020 / 10920	DEF AT - - - - -	DEF AT 3
11080 / 10980	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
11700 / 11600	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
12210 / 12110	DEF AT - - - - -	DEF AT 2
12570 / 12470	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
12930 / 12830	DEF AT - - - - -	DEF AT 3
12960 / 12860	DEF AT - - - - -	DEF AT 3
14150 / 14050	DEF AT local marker foram increase	DEF AT 3
14360 / 14260	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
14630 / 14530	DEF AT local marker foram increase	DEF AT 3
14930 / 14830	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 132	Date of Summary: 30-NOV-1970	First Sample Examined: 4180
Lease Number: G01483	Source of Paleo: OPERATOR	Borehole MD: 17187
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17187
API Well Number: 177052002900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 4180 - 17187	Water Depth: 62
Public Info Code: Y 30-NOV-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4180 /	DEF AT first sample examined	DEF AT
4181 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
5850 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7460 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
11370 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
13300 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
14700 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
17187 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 132	Date of Summary: 31-OCT-1984	First Sample Examined: 0
Lease Number: G06665	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6971
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6971
API Well Number: 177054066000	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 29-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 133	Date of Summary: 19-MAR-1985	First Sample Examined: 0
Lease Number: G06666	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7029
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7029
API Well Number: 177054067500	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 29-NOV-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6490 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 144	Date of Summary: 09-SEP-1980	First Sample Examined: 9980
Lease Number: G03125	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16647
Well Name: JA001	Paleo Done By: ED COTTON	Borehole TVD: 16636
API Well Number: 177054017400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 1 of 2	Sample Range: 9980 - 15801	Water Depth: 101
Public Info Code: Y 06-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9980 / 9978	DEF AT first sample examined	DEF AT 2
10070 / 10068	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
10688 / 10685	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF IN 2
10717 / 10714	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
10718 / 10715	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10808 / 10805	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
12006 / 12002	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13934 / 13925	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
14275 / 14266	DEF AT local marker benthic foram increase	DEF AT 3
14425 / 14416	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 3
14545 / 14536	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 3
14860 / 14851	DEF AT Cyclammina sp. (local marker)	DEF AT 4
14980 / 14971	DEF AT Bathysiphon fauna	DEF AT 4
15040 / 15031	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
15070 / 15061	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
15769 / 15759	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
15770 / 15760	DEF AT Cyclammina sp. (local marker)	DEF AT 4
15801 / 15791	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 144	Date of Summary: 09-SEP-1980	First Sample Examined: 13970
Lease Number: G03125	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16647
Well Name: JA001	Paleo Done By: ED COTTON	Borehole TVD: 16636
API Well Number: 177054017400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 84
Paleo Report Num: 2 of 2	Sample Range: 13970 - 16647	Water Depth: 101
Public Info Code: Y 06-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
13970 / 13961	DEF AT first sample examined	DEF AT 3
14180 / 14171	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
14890 / 14881	POS AT Cyclammina sp. (local marker)	DEF AT 3
15040 / 15031	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
15430 / 15421	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 3
15710 / 15700	DEF AT Arenaceous fauna (local marker)	DEF AT 4
15742 / 15732	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
16565 / 16554	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 6
16647 / 16636	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 147	Date of Summary: 18-AUG-1971	First Sample Examined: 3230
Lease Number: G02071	Source of Paleo: OPERATOR	Borehole MD: 11510
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11510
API Well Number: 177054002100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3230 - 11510	Water Depth: 76
Public Info Code: Y 03-SEP-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3230 /	DEF AT first sample examined	DEF AT
4730 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5780 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
7520 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9400 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 153	Date of Summary: 02-MAY-1983	First Sample Examined: 0
Lease Number: G04792	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177054054400	Drilling Operator: TEXASGULF INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6990 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8760 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
9030 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12030 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 153	Date of Summary: 12-SEP-1983	First Sample Examined: 0
Lease Number: G04792	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16036
API Well Number: 177054056800	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 9006	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
12130 / 12033	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
16180 / 15760	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 159	Date of Summary: 14-OCT-1977	First Sample Examined: 11240
Lease Number: G03128	Source of Paleo: OPERATOR	Borehole MD: 16197
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16197
API Well Number: 177054025900	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 11240 - 16201	Water Depth: 88
Public Info Code: Y 09-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11240 /	DEF AT first sample examined	DEF IN 3
11750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
12470 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12590 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12860 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14650 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14740 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
15220 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
15790 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 4
16201 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 161	Date of Summary: 21-JUN-1972	First Sample Examined: 5048
Lease Number: G01127	Source of Paleo: OPERATOR	Borehole MD: 12150
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12150
API Well Number: 177054003600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5048 - 12126	Water Depth: 90
Public Info Code: Y 20-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5048 /	DEF AT first sample examined	DEF AT 2
8043 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8307 /	DEF AT - - - - -	DEF AT 2
9320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11426 /	DEF AT - - - - -	DEF AT 4
12126 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 167	Date of Summary: 10-OCT-1986	First Sample Examined: 0
Lease Number: G04793	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12326
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12200
API Well Number: 177054073300	Drilling Operator: FMP OPERATING COMPANY A LIMIT	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11489 / 11364	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12134 / 12008	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 171	Date of Summary: 15-MAY-1969	First Sample Examined: 0
Lease Number: G01130	Source of Paleo: OPERATOR	Borehole MD: 12433
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12433
API Well Number: 177050033400	Drilling Operator: ZAPATA C&K	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 18-MAR-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8060 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9790 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
11330 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 172	Date of Summary: 15-MAY-1969	First Sample Examined: 7720
Lease Number: G01131	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177050033500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 7720 - 13000	Water Depth: 90
Public Info Code: Y 31-MAY-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7720 /	DEF AT first sample examined	DEF AT
9520 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 182	Date of Summary: 27-FEB-1971	First Sample Examined: 3275
Lease Number: G02074	Source of Paleo: OPERATOR	Borehole MD: 12547
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12547
API Well Number: 177054000300	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 3275 - 12540	Water Depth: 100
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3275 /	DEF AT first sample examined	DEF IN 1
3757 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6635 /	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 2
9210 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11490 /	DEF AT - - - - -	DEF AT 4
12540 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 182	Date of Summary: 12-AUG-1972	First Sample Examined: 7294
Lease Number: G02074	Source of Paleo: OPERATOR	Borehole MD: 14275
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14275
API Well Number: 177054000800	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7294 - 14275	Water Depth: 104
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7294 /	DEF AT first sample examined	DEF IN 2
9030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10680 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12330 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
12590 /	DEF AT -----	DEF AT 4
13950 /	DEF AT -----	DEF AT 5
14275 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 182	Date of Summary: 02-JUL-1971	First Sample Examined: 8010
Lease Number: G02074	Source of Paleo: OPERATOR	Borehole MD: 11829
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11829
API Well Number: 177054001600	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 8010 - 11820	Water Depth: 103
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 /	DEF AT first sample examined	DEF IN 2
9060 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9930 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11820 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 182	Date of Summary: 04-OCT-1971	First Sample Examined: 8010
Lease Number: G02074	Source of Paleo: OPERATOR	Borehole MD: 12050
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11771
API Well Number: 177054002400	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 8010 - 12050	Water Depth: 105
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 / 7998	DEF AT first sample examined	DEF IN 2
9196 / 9183	DEF AT - - - - -	DEF AT 3
10370 / 10346	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12050 / 11783	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 182	Date of Summary: 28-MAY-1971	First Sample Examined: 8010
Lease Number: G02074	Source of Paleo: OPERATOR	Borehole MD: 13362
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13362
API Well Number: 177054001200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8010 - 13350	Water Depth: 105
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
8010 /	DEF AT first sample examined	DEF IN 2
9180 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10170 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12210 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
12750 /	DEF AT -----	DEF AT 4
13170 /	DEF AT -----	DEF AT 5
13350 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 182	Date of Summary: 27-OCT-1971	First Sample Examined: 8260
Lease Number: G02074	Source of Paleo: OPERATOR	Borehole MD: 10808
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10212
API Well Number: 177054002401	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 8260 - 10820	Water Depth: 105
Public Info Code: Y 30-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8260 / 7846	DEF AT first sample examined	DEF IN 2
9621 / 9088	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
10820 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 189	Date of Summary: 21-NOV-1972	First Sample Examined: 8010
Lease Number: G01132	Source of Paleo: OPERATOR	Borehole MD: 13232
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13232
API Well Number: 177050031400	Drilling Operator: CONOCO INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 8010 - 13200	Water Depth: 106
Public Info Code: Y 31-OCT-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 /	DEF AT first sample examined	DEF AT 1
8310 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
9630 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
11670 /	DEF AT - - - - -	DEF AT 2
12600 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
13200 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 191	Date of Summary: 07-SEP-1984	First Sample Examined: 7073
Lease Number: G01134	Source of Paleo: OPERATOR	Borehole MD: 15360
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 15360
API Well Number: 177050024300	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 3 of 3	Sample Range: 7073 - 15327	Water Depth: 93
Public Info Code: Y 03-OCT-1973	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
7073 /	DEF AT first sample examined	DEF AT 1
8280 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
9100 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 1
10220 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 1
10870 /	DEF AT -----	DEF AT 2
11448 /	DEF AT -----	DEF AT 3
13046 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
13178 /	DEF AT -----	DEF AT 2
13600 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
13671 /	DEF AT -----	DEF AT 3
14400 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
15327 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 193	Date of Summary: 15-MAY-1969	First Sample Examined: 2200
Lease Number: G01135	Source of Paleo: OPERATOR	Borehole MD: 14305
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14305
API Well Number: 177050023600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 2200 - 14305	Water Depth: 108
Public Info Code: Y 31-MAY-1968	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2200 /	DEF AT first sample examined	DEF AT
11379 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14305 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 193	Date of Summary: 15-MAY-1969	First Sample Examined: 10093
Lease Number: G01135	Source of Paleo: OPERATOR	Borehole MD: 14670
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14670
API Well Number: 177050025400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 75
Paleo Report Num: 1 of 2	Sample Range: 10093 - 14670	Water Depth: 108
Public Info Code: Y 31-MAY-1968	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10093 /	DEF AT first sample examined	DEF AT
11683 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14670 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 193	Date of Summary: 26-JUN-1969	First Sample Examined: 9620
Lease Number: G01135	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177050038800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 9620 - 15003	Water Depth: 108
Public Info Code: Y 31-MAY-1968	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9620 /	DEF AT first sample examined	DEF AT
11320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15003 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 199	Date of Summary: 01-OCT-1971	First Sample Examined: 6230
Lease Number: G01975	Source of Paleo: OPERATOR	Borehole MD: 7689
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7687
API Well Number: 177054001800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6230 - 7689	Water Depth: 108
Public Info Code: Y 31-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6230 /	DEF AT first sample examined	DEF AT
6231 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
7350 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7689 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 199	Date of Summary: 01-NOV-1971	First Sample Examined: 6300
Lease Number: G01975	Source of Paleo: OPERATOR	Borehole MD: 10700
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10164
API Well Number: 177054001801	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6300 - 10700	Water Depth: 108
Public Info Code: Y 31-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6300 / 6275	DEF AT first sample examined	DEF AT
6301 / 6276	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
8620 / 8280	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9700 / 9254	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10700 / 10167	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 199	Date of Summary: 20-NOV-1971	First Sample Examined: 8680
Lease Number: G01975	Source of Paleo: OPERATOR	Borehole MD: 11881
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10877
API Well Number: 177054001802	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 8680 - 11881	Water Depth: 108
Public Info Code: Y 31-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8680 / 8321	DEF AT first sample examined	DEF AT
8681 / 8322	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10160 / 9487	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11320 / 10424	POS AT Cyclammina sp. (local marker)	DEF AT
11881 / 10881	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 199	Date of Summary: 15-JAN-1971	First Sample Examined: 7052
Lease Number: G01975	Source of Paleo: OPERATOR	Borehole MD: 10752
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10748
API Well Number: 177054002900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 7052 - 10755	Water Depth: 108
Public Info Code: Y 31-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7052 /	DEF AT first sample examined	DEF AT
7053 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9135 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9992 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10589 /	DEF AT gouge	DEF AT
10733 /	DEF AT salt	DEF AT
10755 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 16-JAN-1969	First Sample Examined: 5000
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 8221
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8221
API Well Number: 177050043200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 5000 - 8221	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 /	DEF AT first sample examined	DEF AT
5780 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
6520 /	DEF AT Arenaceous fauna (local marker)	DEF AT
7690 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8080 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8220 /	DEF AT gouge	DEF AT
8221 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 31-JAN-1969	First Sample Examined: 5787
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 13404
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12571
API Well Number: 177050043800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 5787 - 13404	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5787 / 5785	DEF AT first sample examined	POS AT 3
6360 / 6354	POS AT Arenaceous fauna (local marker)	POS AT 3
6526 / 6517	DEF AT cement	DEF AT 3
8690 / 8426	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9940 / 9507	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11800 / 11126	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
12676 / 11905	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
13210 / 12398	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT
13404 / 12578	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 24-APR-1970	First Sample Examined: 3773
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 12630
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11836
API Well Number: 177052003600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3773 - 12520	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3773 / 3773	DEF AT first sample examined	DEF AT
5982 / 5844	POS AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
6648 / 6455	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT
8932 / 8529	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10259 / 9706	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11306 / 10643	DEF AT Cyclammina cancellata (local marker)	DEF AT
12520 / 11743	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 27-FEB-1970	First Sample Examined: 6010
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 11830
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7040
API Well Number: 177052003700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6010 - 11830	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6010 / 5790	DEF AT first sample examined	DEF AT 2
6945 / 6591	POS IN Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
9628 / 8880	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10738 / 9817	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11034 / 10070	DEF AT faunal change (no faunal increase)	DEF AT 3
11520 / 10495	DEF AT faunal change (no faunal increase)	DEF AT 4
11830 / 10769	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 19-MAY-1970	First Sample Examined: 6525
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 11881
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11414
API Well Number: 177052004600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6525 - 11855	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6525 / 6341	DEF AT first sample examined	POS AT 3
6637 / 6446	DEF AT faunal change (no faunal increase)	DEF AT 3
6885 / 6682	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
7201 / 6987	DEF AT faunal change (no faunal increase)	DEF AT 2
8675 / 8396	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9707 / 9365	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 4
10164 / 9793	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10670 / 10267	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11305 / 10866	DEF AT limestone	DEF AT 6
11306 / 10867	POS AT gouge	DEF AT 6
11885 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 30-JUN-1970	First Sample Examined: 5793
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 10622
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9434
API Well Number: 177052005200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5793 - 8589	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5793 / 5745	DEF AT first sample examined	DEF AT 2
6434 / 6304	DEF AT local marker benthic foram increase	DEF AT 3
6565 / 6413	DEF AT faunal change (no faunal increase)	DEF AT 2
7038 / 6809	DEF AT local marker benthic foram increase	DEF AT 3
8498 / 7997	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8589 / 8073	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 24-AUG-1970	First Sample Examined: 6546
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 12754
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11411
API Well Number: 177052005400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 6546 - 11194	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6546 / 6318	DEF AT first sample examined	DEF AT 3
9182 / 8443	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10489 / 9533	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10857 / 9852	DEF AT faunal change (no faunal increase)	DEF AT 3
11194 / 10143	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 24-AUG-1970	First Sample Examined: 11225
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 12754
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11411
API Well Number: 177052005400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 11225 - 12754	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11225 / 10169	DEF AT first sample examined	DEF AT 4
11636 / 10506	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12754 / 11415	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 28-SEP-1970	First Sample Examined: 5000
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 11472
Well Name: A008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11255
API Well Number: 177052005800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11471	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4989	DEF AT first sample examined	DEF AT 2
6561 / 6508	DEF AT Upper Pliocene	DEF AT 3
8342 / 8227	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9348 / 9204	DEF AT sample gap top	POS AT 3
9472 / 9325	DEF AT sample gap bottom	DEF AT 5
9473 / 9326	DEF AT unconformity	DEF AT 5
9474 / 9327	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9475 / 9328	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
9879 / 9722	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
10841 / 10654	POS AT gouge	DEF AT 6
10842 / 10655	DEF AT local marker deep water fauna	DEF AT 6
11471 / 11258	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 15-FEB-1971	First Sample Examined: 5000
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 10504
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10192
API Well Number: 177052006100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 5000 - 9407	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
5000 / 4950	DEF AT first sample examined	DEF AT 2
6632 / 6508	DEF AT sample gap top	POS AT 2
6788 / 6658	DEF AT sample gap bottom	DEF AT 3
6789 / 6659	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7484 / 7324	DEF AT sample gap top	POS AT 3
7910 / 7733	DEF AT sample gap bottom	DEF AT 3
8379 / 8180	DEF AT sample gap top	POS AT 3
8585 / 8376	DEF AT sample gap bottom	DEF AT 3
8773 / 8554	DEF AT sample gap top	POS AT 3
9344 / 9092	DEF AT sample gap bottom	DEF AT 4
9345 / 9093	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
9407 / 9152	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 200	Date of Summary: 15-FEB-1971	First Sample Examined: 5082
Lease Number: G01137	Source of Paleo: OPERATOR	Borehole MD: 10504
Well Name: A009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10192
API Well Number: 177052006100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 5082 - 10375	Water Depth: 110
Public Info Code: Y 30-JUL-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5082 / 5028	DEF AT first sample examined	DEF AT 2
6132 / 6033	DEF AT sample gap top	POS AT 2
6904 / 6769	DEF AT sample gap bottom	DEF AT 3
7090 / 6947	DEF AT sample gap top	POS AT 3
7305 / 7153	DEF AT sample gap bottom	DEF AT 3
7868 / 7693	DEF AT sample gap top	POS AT 3
8120 / 7934	DEF AT sample gap bottom	DEF AT 3
8445 / 8243	DEF AT sample gap top	POS AT 3
8688 / 8474	DEF AT sample gap bottom	DEF AT 4
8689 / 8475	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
8720 / 8504	DEF AT sample gap top	POS AT 4
8929 / 8701	DEF AT sample gap bottom	DEF AT 3
9567 / 9304	DEF AT sample gap top	POS AT 3
10199 / 9907	DEF AT sample gap bottom	DEF AT 4
10200 / 9908	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10375 / 10075	DEF AT last sample examined	DEF AT 4

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 201	Date of Summary: 23-OCT-1971	First Sample Examined: 0
Lease Number: G02075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12117
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12117
API Well Number: 177054001700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 103
Public Info Code: Y 20-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6110 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6530 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9120 /	POS AT Lower Pliocene	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 201	Date of Summary: 01-MAR-1974	First Sample Examined: 0
Lease Number: G02075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9624
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9624
API Well Number: 177054010900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 105
Public Info Code: Y 17-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7460 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 201	Date of Summary: 15-MAR-1974	First Sample Examined: 0
Lease Number: G02075	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13321
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 12023
API Well Number: 177054009900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 24-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8225 / 7030	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 202	Date of Summary: 05-MAY-1981	First Sample Examined: 0
Lease Number: G03981	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10207
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9429
API Well Number: 177054039800	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5384	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7090 / 6756	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9280 / 8612	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 202	Date of Summary: 05-MAY-1981	First Sample Examined: 0
Lease Number: G03981	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12761
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12592
API Well Number: 177054039801	Drilling Operator: HUNT OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 107
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5500 / 5390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7090 / 6711	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
9280 / 8470	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10960 / 9824	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 203	Date of Summary: 01-MAY-1963	First Sample Examined: 4980
Lease Number: G01138	Source of Paleo: OPERATOR	Borehole MD: 11945
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11945
API Well Number: 177050022500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 4980 - 11940	Water Depth: 116
Public Info Code: Y 29-MAY-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4980 /	DEF AT first sample examined	DEF AT
6120 /	DEF AT local marker benthic foram increase	DEF AT
6930 /	DEF AT local marker benthic foram increase	DEF AT
8280 /	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
10230 /	DEF AT Cyclammia cancellata (local marker)	DEF AT
10740 /	DEF AT calcite	DEF AT
11940 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 204	Date of Summary: 21-JUN-1972	First Sample Examined: 5000
Lease Number: G01139	Source of Paleo: OPERATOR	Borehole MD: 11538
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11538
API Well Number: 177054004400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11536	Water Depth: 117
Public Info Code: Y 29-MAY-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
8166 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8245 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9350 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9395 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11184 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11228 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
11536 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 215	Date of Summary: 15-AUG-1970	First Sample Examined: 0
Lease Number: G01140	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177050029900	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 124
Public Info Code: Y 07-JAN-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6966 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
12241 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 215	Date of Summary: 23-OCT-1979	First Sample Examined: 6000
Lease Number: G01140	Source of Paleo: OPERATOR	Borehole MD: 12409
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12409
API Well Number: 177050043700	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 6000 - 12410	Water Depth: 125
Public Info Code: Y 16-OCT-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT
6880 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
10060 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT
10610 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11000 /	DEF AT local marker foram increase	DEF AT
12140 /	DEF AT local marker foram increase	DEF AT
12410 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 215	Date of Summary: 01-MAY-1968	First Sample Examined: 2630
Lease Number: G01140	Source of Paleo: OPERATOR	Borehole MD: 13495
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13495
API Well Number: 177050024000	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 45
Paleo Report Num: 1 of 1	Sample Range: 2630 - 13500	Water Depth: 126
Public Info Code: Y 25-SEP-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2630 /	DEF AT first sample examined	DEF AT 1
6420 /	DEF AT -----	DEF AT 2
6540 /	DEF AT -----	DEF AT 1
6600 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
6601 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
8040 /	DEF AT -----	DEF AT 2
8130 /	DEF AT -----	DEF AT 1
8280 /	DEF AT -----	DEF AT 2
8400 /	DEF AT -----	DEF AT 1
9420 /	DEF AT -----	DEF AT 2
9990 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10890 /	DEF AT local marker foram increase	DEF AT 3
11880 /	DEF AT local marker foram increase	DEF AT 3
12660 /	DEF AT local marker foram increase	DEF AT 3
13500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 217	Date of Summary: 07-SEP-1984	First Sample Examined: 5000
Lease Number: G01141	Source of Paleo: OPERATOR	Borehole MD: 12964
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12832
API Well Number: 177050035000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12960	Water Depth: 122
Public Info Code: Y 23-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT 1
5800 / 5799	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6220 / 6219	DEF AT faunal change (no faunal increase)	DEF AT 2
6450 / 6449	DEF AT faunal change (no faunal increase)	DEF AT 1
7200 / 7198	DEF AT faunal change (no faunal increase)	DEF AT 2
9000 / 8991	DEF AT faunal change (no faunal increase)	DEF AT 1
9100 / 9091	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
10200 / 10186	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
10950 / 10932	DEF AT faunal change (no faunal increase)	DEF AT 2
11800 / 11778	DEF AT faunal change (no faunal increase)	DEF AT 3
12960 / 12932	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 218	Date of Summary: 07-SEP-1984	First Sample Examined: 2668
Lease Number: G01142	Source of Paleo: OPERATOR	Borehole MD: 12400
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12400
API Well Number: 177050032700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 2668 - 12440	Water Depth: 127
Public Info Code: Y 31-OCT-1975	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2668 /	DEF AT first sample examined	DEF AT 1
4870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
6795 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7014 /	DEF AT - - - - -	DEF AT 1
8230 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
9500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
9592 /	DEF AT - - - - -	DEF AT 2
10500 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 2
10540 /	DEF AT - - - - -	DEF AT 3
12440 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 222	Date of Summary: 18-OCT-1984	First Sample Examined: 0
Lease Number: G04798	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12722
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12722
API Well Number: 177054065600	Drilling Operator: SOUTHLAND ROYALTY COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 110
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10860 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 226	Date of Summary: 01-APR-1986	First Sample Examined: 6960
Lease Number: G01144	Source of Paleo: OPERATOR	Borehole MD: 12279
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12279
API Well Number: 177050032600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6960 - 12160	Water Depth: 122
Public Info Code: Y 02-OCT-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6960 /	DEF AT first sample examined	DEF AT
7250 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8750 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9900 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10300 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11400 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT
12160 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 227	Date of Summary: 05-JAN-1972	First Sample Examined: 5700
Lease Number: G02077	Source of Paleo: OPERATOR	Borehole MD: 13748
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13748
API Well Number: 177054001500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 5700 - 13748	Water Depth: 139
Public Info Code: Y 04-FEB-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5700 /	DEF AT first sample examined	DEF AT
5701 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6820 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9110 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10420 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13740 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT
13748 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 227	Date of Summary: 21-JUN-1978	First Sample Examined: 0
Lease Number: G02077	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11400
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11400
API Well Number: 177054014900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 139
Public Info Code: Y 04-FEB-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9355 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11180 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Area Block: VR 228	Date of Summary: 18-OCT-1971	First Sample Examined: 6000
Lease Number: G02078	Source of Paleo: OPERATOR	Borehole MD: 10589
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10589
API Well Number: 177054000400	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 6000 - 10590	Water Depth: 128
Public Info Code: Y 16-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF IN 2
6960 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8400 /	DEF AT sample gap top	DEF AT
9120 /	DEF AT sample gap bottom	DEF AT
10320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10590 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 228	Date of Summary: 17-NOV-1972	First Sample Examined: 6020
Lease Number: G02078	Source of Paleo: OPERATOR	Borehole MD: 13878
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13878
API Well Number: 177054003200	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 6020 - 13880	Water Depth: 40
Public Info Code: Y 16-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6020 /	DEF AT first sample examined	DEF IN 3
6770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10400 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11900 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13880 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 228	Date of Summary: 12-JAN-1984	First Sample Examined: 7770
Lease Number: G02078	Source of Paleo: OPERATOR	Borehole MD: 13363
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13363
API Well Number: 177054062500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 7770 - 13363	Water Depth: 125
Public Info Code: Y 16-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7770 /	DEF AT first sample examined	DEF AT 2
9540 /	DEF AT - - - - -	DEF AT 3
9570 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
10350 /	DEF AT - - - - -	DEF AT 4
10380 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11220 /	DEF AT local marker foram increase	DEF AT 4
11550 /	DEF AT - - - - -	DEF AT 4
12360 /	DEF AT - - - - -	DEF AT 5
12990 /	DEF AT - - - - -	DEF AT 4
13363 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 228	Date of Summary: 06-SEP-1974	First Sample Examined: 8310
Lease Number: G02078	Source of Paleo: OPERATOR	Borehole MD: 14018
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13240
API Well Number: 177054011901	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 8310 - 14018	Water Depth: 78
Public Info Code: Y 16-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8310 / 8224	DEF AT first sample examined	DEF IN 3
10410 / 10074	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11850 / 11333	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
14018 / 13240	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 228	Date of Summary: 31-MAR-1976	First Sample Examined: 14230
Lease Number: G02078	Source of Paleo: OPERATOR	Borehole MD: 15072
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14000
API Well Number: 177054015500	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 14230 - 15070	Water Depth: 126
Public Info Code: Y 16-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14230 / 13245	DEF AT first sample examined	DEF IN 4
14231 / 13246	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF IN 4
15070 / 13998	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 236	Date of Summary: 03-JUL-1972	First Sample Examined: 6410
Lease Number: G02079	Source of Paleo: OPERATOR	Borehole MD: 13248
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13241
API Well Number: 177054000900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 6410 - 14840	Water Depth: 128
Public Info Code: Y 21-DEC-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6410 /	DEF AT first sample examined	DEF AT
7080 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT
7140 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
8370 /	DEF AT local marker benthic foram increase	DEF AT
9510 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
9750 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10740 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11450 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14390 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
14690 /	DEF AT local marker deep water fauna	DEF AT
14840 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 236	Date of Summary: 05-OCT-1972	First Sample Examined: 4135
Lease Number: G02079	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12990
Well Name: A004	Paleo Done By: WING GEE	Borehole TVD: 12242
API Well Number: 177054005100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4135 - 12990	Water Depth: 128
Public Info Code: Y 21-DEC-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4135 / 4135	DEF AT first sample examined	POS IN 1
5447 / 5447	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
5843 / 5842	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 1
6663 / 6643	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
8078 / 7976	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 2
8593 / 8432	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8725 / 8548	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
9031 / 8819	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
9162 / 8935	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9776 / 9466	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9777 / 9466	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10082 / 9719	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10470 / 10044	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
10990 / 10486	DEF IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 4
11185 / 10654	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
11260 / 10718	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11938 / 11317	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12898 / 12168	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12959 / 12220	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 245	Date of Summary: 05-NOV-1988	First Sample Examined: 6790
Lease Number: G01146	Source of Paleo: OPERATOR	Borehole MD: 11350
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11350
API Well Number: 177050024200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 67
Paleo Report Num: 2 of 2	Sample Range: 6790 - 11360	Water Depth: 126
Public Info Code: Y 14-JUN-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
6790 /	DEF AT first sample examined	DEF AT
6970 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8050 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
9310 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
10210 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10630 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11360 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 246	Date of Summary: 09-OCT-1973	First Sample Examined: 0
Lease Number: G01146	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11100
Well Name: D003	Paleo Done By: OPERATOR	Borehole TVD: 10399
API Well Number: 177054010100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 08-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7595 / 7237	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8830 / 8336	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9100 / 8581	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 246	Date of Summary: 05-JUN-1970	First Sample Examined: 2870
Lease Number: G01147	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13078
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 13078
API Well Number: 177050030600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 66
Paleo Report Num: 1 of 1	Sample Range: 710 - 13075	Water Depth: 155
Public Info Code: Y 29-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
710 /	DEF AT first sample examined	DEF AT 2
2870 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5310 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6570 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8130 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
8640 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8730 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
8910 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9900 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 4
10230 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 4
10290 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
10650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 4
10800 /	DEF AT Eggerella sp. (local marker)	DEF IN 4
11450 /	DEF AT local marker deep water fauna	DEF AT 5
12280 /	DEF AT faunal change (no faunal increase)	DEF IN 5
12400 /	DEF AT Arenaceous fauna (local marker)	DEF IN 5
12550 /	DEF AT foram flood	DEF IN 5
13075 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 246	Date of Summary: 20-MAR-1972	First Sample Examined: 12098
Lease Number: G01147	Source of Paleo: OPERATOR	Borehole MD: 13904
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 13893
API Well Number: 177052006400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 8000 - 13907	Water Depth: 128
Public Info Code: Y 05-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12098 / 12096	DEF AT first sample examined	DEF AT
12634 / 12631	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13907 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 246	Date of Summary: 01-NOV-1988	First Sample Examined: 8000
Lease Number: G01147	Source of Paleo: OPERATOR	Borehole MD: 13904
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 13893
API Well Number: 177052006400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 8000 - 13907	Water Depth: 128
Public Info Code: Y 05-MAR-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 / 8000	DEF AT first sample examined	DEF AT
8840 / 8839	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10290 / 10288	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
11810 / 11808	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
12634 / 12631	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
13907 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 246	Date of Summary: 20-APR-2001	First Sample Examined: 0
Lease Number: G01147	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10630
Well Name: D005	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177054010700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 128
Public Info Code: Y 23-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 7099	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8485 / 8458	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8770 / 8731	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 247	Date of Summary: 31-AUG-1971	First Sample Examined: 8225
Lease Number: G02080	Source of Paleo: OPERATOR	Borehole MD: 11892
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10978
API Well Number: 177054001901	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 8225 - 11875	Water Depth: 139
Public Info Code: Y 29-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8225 / 7782	DEF AT first sample examined	DEF AT
11875 / 10941	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 247	Date of Summary: 22-SEP-1972	First Sample Examined: 10000
Lease Number: G02080	Source of Paleo: OPERATOR	Borehole MD: 11410
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 10780
API Well Number: 177054005700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 10000 - 11410	Water Depth: 140
Public Info Code: Y 13-OCT-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9500	DEF AT first sample examined	DEF AT
11410 / 10775	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 247	Date of Summary: 13-OCT-1972	First Sample Examined: 9370
Lease Number: G02080	Source of Paleo: OPERATOR	Borehole MD: 12040
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 10700
API Well Number: 177054006000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 9370 - 12040	Water Depth: 140
Public Info Code: Y 01-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9370 / 8290	DEF AT first sample examined	DEF AT
11140 / 9897	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 250	Date of Summary: 07-SEP-1984	First Sample Examined: 3570
Lease Number: G01149	Source of Paleo: OPERATOR	Borehole MD: 16589
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 16589
API Well Number: 177050024100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 3 of 3	Sample Range: 3570 - 16590	Water Depth: 69
Public Info Code: Y 03-MAY-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3570 /	DEF AT first sample examined	DEF AT 1
5760 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6980 /	DEF AT - - - - -	DEF AT 2
7420 /	DEF AT - - - - -	DEF AT 1
7560 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
7640 /	DEF AT - - - - -	DEF AT 2
7820 /	DEF AT - - - - -	DEF AT 1
8430 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 1
9370 /	DEF AT - - - - -	DEF AT 2
9600 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
10670 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
11700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
14890 /	DEF AT - - - - -	DEF AT 4
15500 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
16590 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 250	Date of Summary: 22-AUG-1973	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13400
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13400
API Well Number: 177054005800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 02-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3940 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5550 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 250	Date of Summary: 28-JUL-1994	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13640
Well Name: C003	Paleo Done By: OPERATOR	Borehole TVD: 13342
API Well Number: 177054006600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 04-DEC-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3930 / 3930	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5600 / 5600	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7950 / 7923	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 250	Date of Summary: 22-AUG-1973	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14835
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 13525
API Well Number: 177054007600	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 17-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3950	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
5550 / 5550	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
11300 / 10629	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 250	Date of Summary: 30-MAY-1973	First Sample Examined: 0
Lease Number: G01149	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15090
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 13450
API Well Number: 177054008200	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 24-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4180 / 3935	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6100 / 5598	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
12050 / 10776	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 251	Date of Summary: 04-OCT-1981	First Sample Examined: 1060
Lease Number: G02873	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13380
Well Name: D001	Paleo Done By: GAY LARRE'	Borehole TVD: 13372
API Well Number: 177054015000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1060 - 13547	Water Depth: 143
Public Info Code: Y 13-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1060	DEF AT first sample examined	DEF AT 2
1420 / 1420	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1900 / 1900	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
1990 / 1990	DEF AT oxidized shale	DEF IN 2
5380 / 5380	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5410 / 5410	DEF AT shell fragments	DEF AT 2
6860 / 6860	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 2
8009 / 8009	DEF AT pyrite	DEF AT 3
8010 / 8010	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8280 / 8280	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
9390 / 9390	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10140 / 10139	POS AT Cyclammina cancellata (local marker)	DEF AT 4
10200 / 10199	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 4
10380 / 10379	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
10560 / 10559	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
10650 / 10649	DEF AT Bathysiphon fauna	DEF IN 4
11430 / 11428	DEF AT Eggerella sp. (local marker)	DEF IN 4
11490 / 11488	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF IN 4
12360 / 12357	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
12870 / 12866	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
12960 / 12956	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
13380 / 13373	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 251	Date of Summary: 04-OCT-1981	First Sample Examined: 1060
Lease Number: G02873	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13380
Well Name: D001	Paleo Done By: GAY LARRE'	Borehole TVD: 13372
API Well Number: 177054015000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1060 - 13547	Water Depth: 143
Public Info Code: Y 13-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13547 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 02-SEP-1969	First Sample Examined: 4000
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 12010
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12010
API Well Number: 177062000500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12010	Water Depth: 158
Public Info Code: Y 10-SEP-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT
6315 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9017 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9018 /	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF AT
9019 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10932 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
11934 /	DEF AT local marker benthic foram increase	DEF AT
12010 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 13-OCT-1969	First Sample Examined: 5000
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 12108
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12108
API Well Number: 177062000800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12106	Water Depth: 163
Public Info Code: Y 13-OCT-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT
5001 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6209 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7515 /	DEF AT local marker benthic foram increase	DEF AT
9085 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11340 /	DEF AT Upper Pliocene (Piacenzian) Cyclamina sp.	DEF AT
11879 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
12097 /	POS IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
12106 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 25-SEP-1970	First Sample Examined: 5000
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 12649
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12649
API Well Number: 177062002600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12640	Water Depth: 163
Public Info Code: Y 09-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 2
5830 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6670 /	DEF AT - - - - -	DEF IN 2
7720 /	DEF AT - - - - -	DEF AT 3
9279 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9280 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10090 /	DEF AT - - - - -	DEF AT 3
10640 /	DEF AT - - - - -	DEF AT 4
10690 /	DEF AT - - - - -	DEF AT 3
11620 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
12640 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 15-JUL-1969	First Sample Examined: 5006
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 13585
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12383
API Well Number: 177062000200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 5006 - 13640	Water Depth: 158
Public Info Code: Y 09-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5006 / 5006	DEF AT first sample examined	DEF AT
6131 / 6102	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9415 / 8900	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11538 / 10672	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
13248 / 12131	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
13640 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 05-SEP-1969	First Sample Examined: 7629
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 14040
Well Name: A007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12350
API Well Number: 177062000001	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 7629 - 10630	Water Depth: 158
Public Info Code: Y 28-AUG-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7629 / 6827	DEF AT first sample examined	DEF AT
7630 / 6827	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10014 / 8764	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10630 / 9253	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 25-AUG-1970	First Sample Examined: 11830
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 11618
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11517
API Well Number: 177062002300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 11830 - 12065	Water Depth: 93
Public Info Code: Y 11-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11830 /	DEF AT first sample examined	DEF AT
11831 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12065 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 25-SEP-1970	First Sample Examined: 6350
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 11618
Well Name: B001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11517
API Well Number: 177062002300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 6350 - 11618	Water Depth: 93
Public Info Code: Y 11-OCT-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
6350 / 6306	DEF AT first sample examined	POS AT 2
6351 / 6307	DEF AT cement	POS AT 2
8940 / 8838	DEF AT - - - - -	DEF AT 4
9030 / 8927	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9150 / 9047	DEF AT - - - - -	DEF AT 3
10830 / 10727	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11370 / 11267	DEF AT - - - - -	DEF AT 3
11618 / 11515	DEF AT last sample examined	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 17-NOV-1970	First Sample Examined: 5000
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 12772
Well Name: B002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12491
API Well Number: 177062002400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12780	Water Depth: 152
Public Info Code: Y 27-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT
5120 / 5120	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6140 / 6140	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6260 / 6260	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7770 / 7731	DEF AT local marker foram increase	DEF AT
9240 / 9132	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11780 / 11552	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
12780 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 04-DEC-1970	First Sample Examined: 6480
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 12040
Well Name: B003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11807
API Well Number: 177062002401	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 6480 - 12040	Water Depth: 152
Public Info Code: Y 16-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6480 / 6479	DEF AT first sample examined	DEF AT
6481 / 6480	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9099 / 9010	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9100 / 9011	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11200 / 11011	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
12040 / 11814	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 28-OCT-1971	First Sample Examined: 5550
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 13295
Well Name: B004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12527
API Well Number: 177062003000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 5550 - 12780	Water Depth: 152
Public Info Code: Y 07-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5550 / 5151	DEF AT first sample examined	DEF AT 2
6600 / 6007	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9480 / 8715	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9810 / 9044	DEF AT - - - - -	DEF AT 3
10619 / 9853	POS AT unconformity	DEF AT 3
10620 / 9854	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
10630 / 9864	DEF AT - - - - -	DEF AT 4
11580 / 10813	DEF AT cement	POS AT 4
11789 / 11022	POS AT unconformity	DEF AT 4
11790 / 11023	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12570 / 11803	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12780 / 12013	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 29-JAN-1971	First Sample Examined: 7550
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 12120
Well Name: B005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11965
API Well Number: 177062003100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7550 - 12090	Water Depth: 152
Public Info Code: Y 30-JAN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7550 / 7550	DEF AT first sample examined	DEF AT 3
7551 / 7551	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9020 / 9017	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9470 / 9462	DEF AT - - - - -	DEF AT 3
11329 / 11234	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11330 / 11235	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
12090 / 11944	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 09-MAR-1971	First Sample Examined: 7530
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 11734
Well Name: B006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11444
API Well Number: 177064000100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7530 - 11730	Water Depth: 152
Public Info Code: Y 16-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7530 / 7400	DEF AT first sample examined	DEF AT 2
7531 / 7401	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
9149 / 8950	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9150 / 8951	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9330 / 9124	DEF AT - - - - -	DEF AT 3
10979 / 10709	POS AT unconformity	DEF AT 5
10980 / 10710	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11100 / 10826	DEF AT - - - - -	DEF AT 4
11730 / 11436	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 16-JUN-1971	First Sample Examined: 12240
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 13133
Well Name: B009	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12114
API Well Number: 177064001300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 12240 - 13133	Water Depth: 152
Public Info Code: Y 30-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12240 / 11331	DEF AT first sample examined	DEF AT 2
12300 / 11384	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12301 / 11385	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
13133 / 12122	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 28-JUL-1971	First Sample Examined: 11020
Lease Number: G01152	Source of Paleo: OPERATOR	Borehole MD: 16735
Well Name: B010	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15381
API Well Number: 177064002000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11020 - 16730	Water Depth: 152
Public Info Code: Y 23-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11020 / 11004	DEF AT first sample examined	DEF AT 4
11021 / 11005	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11830 / 11718	DEF AT - - - - -	DEF AT 3
12610 / 12346	DEF AT - - - - -	DEF AT 4
13076 / 12689	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
14276 / 13603	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
16333 / 15115	POS AT unconformity	DEF AT 5
16334 / 15116	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
16335 / 15117	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
16640 / 15339	DEF AT local marker deep water fauna	DEF AT 5
16730 / 15405	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 255	Date of Summary: 11-JUN-1969	First Sample Examined: 5110
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 11894
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10589
API Well Number: 177062000000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 5110 - 10240	Water Depth: 158
Public Info Code: Y 11-JUN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5110 / 4899	DEF AT first sample examined	DEF AT
6610 / 6187	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7930 / 7337	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9139 / 8355	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
9140 / 8356	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
9141 / 8357	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10240 / 9261	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 256	Date of Summary: 16-JAN-1969	First Sample Examined: 2530
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 11622
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11622
API Well Number: 177060006400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 2530 - 11622	Water Depth: 156
Public Info Code: Y 05-JAN-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2530 /	DEF AT first sample examined	DEF AT
3910 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5650 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7550 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8630 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9320 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
10070 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT
10979 /	DEF AT Eggerella 3 (local marker)	DEF AT
10980 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
11622 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 256	Date of Summary: 29-APR-1970	First Sample Examined: 9879
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 12247
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12247
API Well Number: 177062001800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 9879 - 12247	Water Depth: 156
Public Info Code: Y 26-APR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9879 /	DEF AT first sample examined	DEF AT 4
9880 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9881 /	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
10598 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10599 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11701 /	DEF AT Bathysiphon fauna	DEF AT 5
11760 /	DEF AT sand	DEF AT 4
12053 /	DEF AT - - - -	DEF IN 4
12138 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
12139 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12140 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12141 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12247 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 256	Date of Summary: 27-JUL-1971	First Sample Examined: 7980
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 14076
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14076
API Well Number: 177064001400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 7980 - 14076	Water Depth: 150
Public Info Code: Y 15-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7980 /	DEF AT first sample examined	DEF AT 2
8378 /	POS AT Cyclammina sp. (local marker)	DEF AT 3
8644 /	DEF AT local marker foram increase	DEF AT 4
8645 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9464 /	POS AT unconformity	DEF AT 4
9465 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9686 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
11372 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
11937 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13212 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
13213 /	DEF AT local marker benthic foram increase	DEF AT 5
14023 /	DEF AT Bathysiphon fauna	DEF AT 6
14024 /	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
14076 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 256	Date of Summary: 09-NOV-1972	First Sample Examined: 5000
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11000
API Well Number: 177064006300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10950	Water Depth: 149
Public Info Code: Y 23-NOV-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
5485 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7512 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8837 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9546 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9896 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10950 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 256	Date of Summary: 02-MAY-1969	First Sample Examined: 5610
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 11912
Well Name: D001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11912
API Well Number: 177060006500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5610 - 11940	Water Depth: 160
Public Info Code: Y 08-MAY-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5610 /	DEF AT first sample examined	DEF AT
7450 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8370 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9060 /	DEF AT local marker foram increase	DEF AT
9061 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
9780 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11940 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 256	Date of Summary: 05-JUL-1973	First Sample Examined: 11930
Lease Number: G01153	Source of Paleo: OPERATOR	Borehole MD: 12368
Well Name: D003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11469
API Well Number: 177064008100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 11930 - 12350	Water Depth: 163
Public Info Code: Y 23-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11930 / 11107	DEF AT first sample examined	DEF AT
12350 / 11469	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 262	Date of Summary: 02-NOV-1971	First Sample Examined: 4020
Lease Number: G02081	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11600
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 11600
API Well Number: 177064000900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4020 - 11600	Water Depth: 158
Public Info Code: Y 17-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4020 / 4020	DEF AT first sample examined	DEF AT 2
4480 / 4480	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4720 / 4720	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5410 / 5410	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6220 / 6220	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6820 / 6820	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7180 / 7180	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
8110 / 8110	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8410 / 8410	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8500 / 8500	DEF AT Bathysiphon fauna	DEF AT 4
8530 / 8530	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8830 / 8830	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9220 / 9220	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9490 / 9490	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
9970 / 9970	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
10750 / 10750	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF IN 4
10900 / 10900	POS AT faunal change (no faunal increase)	DEF AT 5
11180 / 11180	DEF AT Bathysiphon fauna	DEF AT 5
11600 / 11600	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 264	Date of Summary: 08-FEB-1980	First Sample Examined: 3300
Lease Number: G03983	Source of Paleo: OPERATOR	Borehole MD: 12336
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12336
API Well Number: 177064039600	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3300 - 12330	Water Depth: 163
Public Info Code: Y 18-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3300 /	DEF AT first sample examined	DEF IN 2
4020 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5730 /	DEF AT - - - - -	DEF AT 3
6030 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9390 /	DEF AT - - - - -	DEF AT 4
9420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9840 /	DEF AT - - - - -	DEF AT 5
12330 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 264	Date of Summary: 30-APR-1980	First Sample Examined: 7070
Lease Number: G03983	Source of Paleo: OPERATOR	Borehole MD: 12249
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10573
API Well Number: 177064041401	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 7070 - 12230	Water Depth: 163
Public Info Code: Y 18-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7070 / 5841	DEF AT first sample examined	DEF IN 2
7280 / 6012	DEF AT - - - - -	DEF AT 3
9620 / 8053	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10430 / 8806	DEF AT - - - - -	DEF AT 4
10460 / 8835	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12230 / 10554	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 264	Date of Summary: 14-APR-1982	First Sample Examined: 3610
Lease Number: G03983	Source of Paleo: OPERATOR	Borehole MD: 11400
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8598
API Well Number: 177064049800	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3610 - 11400	Water Depth: 160
Public Info Code: Y 18-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3610 / 3504	DEF AT first sample examined	DEF IN 2
6100 / 5339	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6850 / 5742	DEF AT - - - -	DEF AT 3
7060 / 5865	DEF AT sample gap top	DEF AT
7630 / 6200	DEF AT sample gap bottom	DEF AT
9430 / 7272	DEF AT sample gap top	DEF AT
10630 / 8066	DEF AT sample gap bottom	DEF AT
11400 / 8573	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 265	Date of Summary: 11-JUN-1970	First Sample Examined: 1000
Lease Number: G01955	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10820
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10820
API Well Number: 177062001400	Drilling Operator: HUMBLE OIL & REFINING COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10820	Water Depth: 165
Public Info Code: Y 08-APR-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
3100 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5050 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5500 /	DEF AT sample gap top	DEF IN 2
6099 /	DEF AT sample gap bottom	DEF AT 3
6100 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6940 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7090 /	DEF AT pyrite	DEF AT 3
7150 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7930 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7990 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8080 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
8830 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9130 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9460 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
10360 /	DEF AT faunal change (no faunal increase)	DEF IN 5
10600 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 5
10660 /	POS AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF IN 5
10820 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 265	Date of Summary: 24-SEP-1970	First Sample Examined: 940
Lease Number: G01955	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12067
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 12067
API Well Number: 177062002000	Drilling Operator: HUMBLE OIL & REFINING COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 940 - 12067	Water Depth: 165
Public Info Code: Y 15-AUG-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
940 /	DEF AT first sample examined	DEF AT 3
5140 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5530 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6020 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7150 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7930 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7960 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
7990 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9070 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
9100 /	DEF AT Bathysiphon fauna	DEF AT 5
9430 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
10030 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
10240 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11110 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11350 /	DEF AT Bathysiphon fauna	DEF AT 5
11830 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
12067 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 01-OCT-1970	First Sample Examined: 5000
Lease Number: G01977	Source of Paleo: OPERATOR	Borehole MD: 10597
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10597
API Well Number: 177062002500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 5000 - 10580	Water Depth: 169
Public Info Code: Y 29-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
6140 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6200 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7070 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8030 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8659 /	POS AT unconformity	DEF AT 4
8660 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
9229 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
9230 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multcamerata	DEF AT 5
9680 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10369 /	POS AT unconformity	DEF AT 5
10370 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
10580 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 04-DEC-1970	First Sample Examined: 5000
Lease Number: G01977	Source of Paleo: OPERATOR	Borehole MD: 12184
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11662
API Well Number: 177062002800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 5000 - 12184	Water Depth: 171
Public Info Code: Y 28-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 5000	DEF AT first sample examined	DEF AT
6230 / 6230	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
6380 / 6380	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7130 / 7129	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7670 / 7667	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
8690 / 8617	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
9459 / 9273	DEF AT Eggerella 3 (local marker)	DEF AT
9460 / 9274	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
10209 / 9867	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
10210 / 9868	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
10540 / 10137	DEF AT local marker benthic foram increase	DEF AT
10960 / 10501	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11820 / 11305	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12184 / 11661	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 16-JUN-1971	First Sample Examined: 10140
Lease Number: G01977	Source of Paleo: OPERATOR	Borehole MD: 12591
Well Name: C002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12591
API Well Number: 177064001100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 10140 - 12591	Water Depth: 163
Public Info Code: Y 14-JUL-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
10140 /	DEF AT first sample examined	DEF AT 4
10141 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10142 /	POS IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10200 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10587 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
10588 /	DEF AT Cyclammina sp. (local marker)	DEF AT 5
10589 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10590 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
11020 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11430 /	DEF AT sandstone	DEF AT 4
11730 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11879 /	DEF AT Bathysiphon fauna	DEF AT 5
11880 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12448 /	DEF AT Cyclammina sp. (local marker)	DEF AT 6
12449 /	DEF AT Eggerella sp. (local marker)	DEF AT 6
12450 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT 6
12591 /	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 01-SEP-1971	First Sample Examined: 5000
Lease Number: G01977	Source of Paleo: OPERATOR	Borehole MD: 14625
Well Name: C003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14264
API Well Number: 177064002200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5000 - 14520	Water Depth: 163
Public Info Code: Y 11-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4989	DEF AT first sample examined	DEF AT 2
5300 / 5276	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6679 / 6556	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6680 / 6557	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6830 / 6698	DEF AT faunal change (no faunal increase)	DEF AT 2
8120 / 7920	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
8869 / 8624	DEF AT Eggerella sp. (local marker)	DEF AT 4
8870 / 8625	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9579 / 9280	DEF AT local marker planktic foram increase	DEF IN 4
9590 / 9291	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
9980 / 9656	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 4
10579 / 10234	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10580 / 10235	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
12609 / 12250	DEF AT Bathysiphon fauna	DEF IN 4
12610 / 12251	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
12998 / 12639	DEF AT Cyclammina sp. (local marker)	DEF AT 5
12999 / 12640	DEF AT Eggerella 3 (local marker)	DEF AT 5
13000 / 12641	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13570 / 13210	DEF AT faunal change (no faunal increase)	DEF IN 4
14340 / 13977	DEF AT local marker deep water fauna	DEF AT 6
14520 / 14156	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 28-OCT-1971	First Sample Examined: 11290
Lease Number: G01977	Source of Paleo: OPERATOR	Borehole MD: 13028
Well Name: C004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12053
API Well Number: 177064002500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 11290 - 13000	Water Depth: 163
Public Info Code: Y 30-OCT-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11290 / 10307	DEF AT first sample examined	DEF AT 4
11291 / 10308	DEF AT Eggerella 3 (local marker)	DEF AT 4
11292 / 10309	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
11740 / 10757	DEF AT sandstone	DEF AT 4
12396 / 11412	DEF AT unconformity	DEF AT 5
12397 / 11413	DEF AT Cyclamina sp. (local marker)	DEF AT 5
12398 / 11414	DEF AT Eggerella 3 (local marker)	DEF AT 5
12399 / 11415	DEF AT Bathysiphon fauna	DEF AT 5
12400 / 11416	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12910 / 11926	DEF AT local marker deep water fauna	DEF AT 6
13000 / 12016	DEF AT last sample examined	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 07-MAR-1972	First Sample Examined: 10730
Lease Number: G01977	Source of Paleo: OPERATOR	Borehole MD: 13677
Well Name: C006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13008
API Well Number: 177064003500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 10730 - 13670	Water Depth: 163
Public Info Code: Y 13-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10730 / 10120	DEF AT first sample examined	DEF AT 4
11208 / 10579	DEF AT Eggerella 3 (local marker)	DEF AT 5
11209 / 10580	DEF AT Cyclammina sp. (local marker)	DEF AT 5
11210 / 10581	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11960 / 11320	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
12980 / 12330	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
13250 / 12595	DEF AT sandstone	DEF AT 4
13670 / 13005	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 16-DEC-1971	First Sample Examined: 5000
Lease Number: G02082	Source of Paleo: OPERATOR	Borehole MD: 12264
Well Name: C005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11400
API Well Number: 177064002800	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 5000 - 11910	Water Depth: 163
Public Info Code: Y 31-DEC-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4994	DEF AT first sample examined	DEF AT 2
5360 / 5335	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6770 / 6490	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6980 / 6657	DEF AT - - - - -	DEF AT 2
8660 / 8005	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8990 / 8283	DEF AT - - - - -	DEF AT 3
9530 / 8741	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10160 / 9275	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11025 / 9996	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
11536 / 10423	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
11718 / 10579	DEF AT sandstone	DEF AT 4
11910 / 10744	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 07-MAR-1972	First Sample Examined: 6600
Lease Number: G02082	Source of Paleo: OPERATOR	Borehole MD: 11760
Well Name: C007	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10408
API Well Number: 177064004000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6600 - 11770	Water Depth: 163
Public Info Code: Y 24-MAR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6600 / 6213	DEF AT first sample examined	DEF AT 2
7110 / 6651	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7320 / 6832	DEF AT faunal change (no faunal increase)	DEF AT 2
9660 / 8824	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9690 / 8848	DEF AT faunal change (no faunal increase)	DEF AT 4
9960 / 9066	DEF AT faunal change (no faunal increase)	DEF AT 3
11039 / 9913	POS AT unconformity	DEF AT 3
11040 / 9914	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
11140 / 9989	DEF AT faunal change (no faunal increase)	DEF AT 5
11450 / 10216	DEF AT sample gap top	POS AT 5
11589 / 10315	DEF AT sample gap bottom	DEF AT 5
11590 / 10315	DEF AT limestone	DEF AT 5
11770 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 19-MAY-1972	First Sample Examined: 6000
Lease Number: G02082	Source of Paleo: OPERATOR	Borehole MD: 15065
Well Name: C008	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12600
API Well Number: 177064004300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 6000 - 15065	Water Depth: 163
Public Info Code: Y 14-JUN-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6000 / 5572	DEF AT first sample examined	DEF AT 2
7080 / 6388	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7492 / 6698	DEF AT - - - - -	DEF AT 2
10830 / 9260	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11210 / 9555	DEF AT - - - - -	DEF AT 3
11900 / 10047	DEF AT - - - - -	DEF AT 4
12800 / 10675	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
13110 / 10910	DEF AT - - - - -	DEF AT 3
13880 / 11515	DEF AT sample gap top	DEF AT
14239 / 11824	DEF AT sample gap bottom	DEF AT
14240 / 11824	DEF AT local marker foram increase	DEF AT 5
14480 / 12042	DEF AT - - - - -	DEF AT 4
14900 / 12428	DEF AT sand	DEF AT 4
15050 / 12568	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 03-FEB-1976	First Sample Examined: 4000
Lease Number: G03135	Source of Paleo: OPERATOR	Borehole MD: 10950
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10948
API Well Number: 177064018100	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 4000 - 10930	Water Depth: 174
Public Info Code: Y 30-JAN-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 2
4150 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
6280 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6430 /	DEF AT - - - - -	DEF AT 2
7420 /	DEF AT - - - - -	DEF AT 3
7539 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7540 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7660 /	DEF AT - - - - -	DEF AT 2
8409 /	DEF AT Eggerella sp. (local marker)	DEF AT 2
8410 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
8740 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9819 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9820 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10630 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10930 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 267	Date of Summary: 20-SEP-1976	First Sample Examined: 4000
Lease Number: G03135	Source of Paleo: OPERATOR	Borehole MD: 12718
Well Name: F002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11299
API Well Number: 177064021200	Drilling Operator: CSX OIL & GAS CORPORATION	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 4000 - 12720	Water Depth: 175
Public Info Code: Y 14-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3810	DEF AT first sample examined	DEF AT 1
4240 / 4014	DEF AT - - - - -	DEF AT 2
4540 / 4270	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4900 / 4580	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5020 / 4683	DEF AT - - - - -	DEF AT 2
6700 / 6096	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7350 / 6661	DEF AT - - - - -	DEF AT 2
9180 / 8262	DEF AT - - - - -	DEF AT 3
9720 / 8734	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
10440 / 9370	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
11189 / 10018	DEF AT Eggerella 3 (local marker)	DEF AT 4
11190 / 10019	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
11250 / 10071	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
11459 / 10247	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
11460 / 10247	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11730 / 10466	DEF AT - - - - -	DEF AT 4
12300 / 10932	DEF AT sample gap top	POS AT 4
12478 / 11088	DEF AT sample gap bottom	DEF AT 5
12479 / 11088	DEF AT Bathysiphon fauna	DEF AT 5
12480 / 11089	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
12720 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 23-OCT-1980	First Sample Examined: 3200
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 4993
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 4993
API Well Number: 177064043200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3200 - 4991	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 /	DEF AT first sample examined	DEF AT 2
4888 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 2
4889 /	POS IN Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	POS AT 2
4890 /	DEF AT salt	POS AT 2
4991 /	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 08-AUG-1980	First Sample Examined: 3630
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 7873
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5649
API Well Number: 177064044100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 3	Sample Range: 3630 - 7830	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3630 / 3247	DEF AT first sample examined	DEF AT 2
6600 / 4773	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6810 / 4897	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
6811 / 4897	DEF AT calcite	DEF AT 5
6812 / 4898	DEF AT pyrite	DEF AT 5
7020 / 5029	DEF AT faunal change (no faunal increase)	DEF AT 3
7830 / 5615	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 08-AUG-1980	First Sample Examined: 6655
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 7873
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5649
API Well Number: 177064044100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 2 of 3	Sample Range: 6655 - 7692	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
6655 / 4804	DEF AT first sample examined	DEF AT 4
6656 / 4804	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6657 / 4805	DEF AT pyrite	DEF AT 4
6658 / 4805	DEF AT calcite	DEF AT 4
7692 / 5510	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 08-AUG-1980	First Sample Examined: 7180
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 7873
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5649
API Well Number: 177064044100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 3 of 3	Sample Range: 7180 - 7755	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack 2 report

MD / TVD	Paleo Top Description	Ecozone
7180 / 5137	DEF AT first sample examined	DEF AT 4
7181 / 5138	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7182 / 5138	DEF AT pyrite	DEF AT 4
7183 / 5139	DEF AT calcite	DEF AT 4
7755 / 5558	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 23-OCT-1980	First Sample Examined: 5510
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 6788
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5499
API Well Number: 177064044500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 5510 - 6770	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 4509	DEF AT first sample examined	DEF AT
5511 / 4510	DEF AT cement	DEF AT
6710 / 5386	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6740 / 5409	DEF IN calcite	DEF AT
6770 / 5433	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 19-JAN-1981	First Sample Examined: 5600
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 11100
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7967
API Well Number: 177064046200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 5600 - 11060	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 4507	DEF AT first sample examined	DEF AT 2
6320 / 4960	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6470 / 5056	DEF AT - - - - -	DEF AT 2
8840 / 6555	DEF AT - - - - -	DEF AT 4
8959 / 6631	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8960 / 6632	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
11100 / 7967	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 273	Date of Summary: 19-JAN-1981	First Sample Examined: 5720
Lease Number: G04212	Source of Paleo: OPERATOR	Borehole MD: 11100
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7967
API Well Number: 177064046200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 5720 - 10100	Water Depth: 184
Public Info Code: Y 30-NOV-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack 1 report

MD / TVD	Paleo Top Description	Ecozone
5720 / 4583	DEF AT first sample examined	DEF AT 2
6290 / 4941	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6500 / 5075	DEF AT - - - - -	DEF AT 2
8120 / 6093	DEF AT - - - - -	DEF AT 4
8209 / 6149	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8210 / 6150	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
10100 / 7352	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 279	Date of Summary: 20-JAN-1998	First Sample Examined: 8420
Lease Number: G05433	Source of Paleo: OPERATOR	Borehole MD: 12724
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12722
API Well Number: 177064057200	Drilling Operator: AMOCO CORPORATION	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 4550 - 12710	Water Depth: 181
Public Info Code: Y 31-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
8420 /	DEF AT first sample examined	DEF AT 1
8690 /	POS AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 1
8810 /	DEF AT - - - - -	DEF AT 2
8840 /	DEF AT - - - - -	DEF AT 3
8930 /	DEF AT - - - - -	DEF AT 1
9020 /	DEF AT Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT 1
9320 /	DEF AT - - - - -	DEF AT 3
9350 /	DEF AT Upper Pliocene (Gelasian) Discoaster surculus	DEF AT 3
9770 /	DEF AT gouge	DEF AT
9771 /	POS AT Miocene	DEF AT
10190 /	DEF AT - - - - -	DEF AT 4
10280 /	DEF AT Upper Pliocene (Piacenzian) Discoaster asymmetricus	DEF AT 4
11180 /	DEF AT - - - - -	DEF AT 4
11780 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT 4
12110 /	DEF AT limestone	DEF AT 4
12260 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
12710 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 280	Date of Summary: 13-MAY-1985	First Sample Examined: 3970
Lease Number: G04425	Source of Paleo: OPERATOR	Borehole MD: 10230
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10230
API Well Number: 177064056900	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 83
Paleo Report Num: 1 of 2	Sample Range: 3970 - 10230	Water Depth: 168
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3970 /	DEF AT first sample examined	DEF AT 2
5560 /	DEF AT - - - - -	POS AT 3
5710 /	DEF AT - - - - -	DEF AT 3
5770 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
6700 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
8950 /	DEF AT Arenaceous fauna (local marker)	POS AT 4
9340 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9730 /	DEF AT - - - - -	DEF AT 4
10229 /	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
10230 /	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 280	Date of Summary: 16-MAY-1985	First Sample Examined: 3970
Lease Number: G04425	Source of Paleo: OPERATOR	Borehole MD: 10230
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10230
API Well Number: 177064056900	Drilling Operator: ELF AQUITAINE INC	Rkb Elevation: 83
Paleo Report Num: 2 of 2	Sample Range: 3970 - 10230	Water Depth: 168
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 /	DEF AT first sample examined	DEF AT 2
7180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7240 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7480 /	DEF AT faunal change (no faunal increase)	DEF AT 4
7930 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8740 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8920 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 4
9670 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9700 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10230 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 281	Date of Summary: 17-DEC-1971	First Sample Examined: 1200
Lease Number: G02083	Source of Paleo: OPERATOR	Borehole MD: 10318
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10318
API Well Number: 177064002100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10220	Water Depth: 161
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	DEF IN 2
2010 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
5060 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6370 /	DEF AT - - - - -	DEF AT 3
7040 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7340 /	DEF AT - - - - -	DEF AT 4
7580 /	DEF AT - - - - -	DEF AT 3
8090 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9110 /	DEF AT - - - - -	DEF AT 5
10220 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 281	Date of Summary: 09-MAY-1973	First Sample Examined: 3440
Lease Number: G02083	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9003
API Well Number: 177064007600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3440 - 9450	Water Depth: 161
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3440 / 3292	DEF AT first sample examined	DEF IN 2
5610 / 5276	DEF AT - - - - -	DEF AT 3
7400 / 6958	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7700 / 7255	DEF AT - - - - -	DEF AT 4
7940 / 7494	DEF AT - - - - -	DEF AT 3
8660 / 8213	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9450 / 9003	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 282	Date of Summary: 30-NOV-1971	First Sample Examined: 850
Lease Number: G02084	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9296
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9296
API Well Number: 177064000200	Drilling Operator: TEXACO INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 850 - 9296	Water Depth: 184
Public Info Code: Y 09-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
850 /	DEF AT first sample examined	DEF AT 1
1150 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2520 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2730 /	DEF AT local marker benthic foram increase	DEF AT 2
3170 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3862 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
3893 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4171 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 2
5087 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
5243 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
5305 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
5398 /	DEF AT local marker benthic foram increase	DEF IN 2
5607 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
6233 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6327 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
6375 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF IN 4
6387 /	DEF AT local marker foram decrease	DEF AT 3
6509 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7286 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
7316 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
7480 /	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 282	Date of Summary: 30-NOV-1971	First Sample Examined: 850
Lease Number: G02084	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9296
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9296
API Well Number: 177064000200	Drilling Operator: TEXACO INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 850 - 9296	Water Depth: 184
Public Info Code: Y 09-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7932 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
7963 /	DEF AT Bathysiphon fauna	DEF AT 5
8787 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
8817 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9250 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9296 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 282	Date of Summary: 30-JUL-1975	First Sample Examined: 0
Lease Number: G02084	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5990
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 5336
API Well Number: 177064016400	Drilling Operator: TEXACO INC	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 06-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5340 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
5670 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 288	Date of Summary: 22-FEB-1979	First Sample Examined: 2750
Lease Number: G01160	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7086
Well Name: 005	Paleo Done By: JIM COOKE	Borehole TVD: 7086
API Well Number: 177062001600	Drilling Operator: TEXACO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2750 - 7086	Water Depth: 152
Public Info Code: Y 30-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 /	DEF AT first sample examined	DEF IN 2
2751 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
2752 /	DEF AT poor sample interval top	DEF IN 2
5996 /	DEF AT poor sample interval bottom	DEF AT 4
6754 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7086 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 292	Date of Summary: 23-FEB-1983	First Sample Examined: 4760
Lease Number: G04801	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177064050500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 4760 - 8947	Water Depth: 195
Public Info Code: Y 29-AUG-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4760 /	DEF AT first sample examined	DEF AT
7331 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8947 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 292	Date of Summary: 23-FEB-1983	First Sample Examined: 8963
Lease Number: G04801	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177064050500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 8963 - 16000	Water Depth: 195
Public Info Code: Y 29-AUG-1985	Ecozone Eq MMS:	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8963 /	DEF AT first sample examined	DEF AT
11755 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12220 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 293	Date of Summary: 06-OCT-1970	First Sample Examined: 1000
Lease Number: G01163	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10105
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10105
API Well Number: 177062002100	Drilling Operator: TEXACO INC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 1000 - 10105	Water Depth: 139
Public Info Code: Y 25-MAY-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
1213 /	DEF AT pyrite	DEF AT 2
1301 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3340 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4848 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
4892 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6581 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7795 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
7836 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
7837 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
7880 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
8455 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9244 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9287 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9288 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9327 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5
9415 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9546 /	DEF AT pyrite	DEF AT 5
9681 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
9813 /	DEF AT faunal change (no faunal increase)	DEF IN 5
9895 /	DEF AT foram flood	DEF IN 5
10105 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 295	Date of Summary: 26-AUG-1986	First Sample Examined: 0
Lease Number: G04802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6633
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6620
API Well Number: 177064058900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 25-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4010 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6552 /	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 301	Date of Summary: 28-SEP-1971	First Sample Examined: 875
Lease Number: G02085	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12458
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12458
API Well Number: 177064001000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 875 - 12458	Water Depth: 163
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
875 /	DEF AT first sample examined	POS AT 2
876 /	DEF AT cement	POS AT 2
920 /	DEF AT local marker benthic foram increase	DEF AT 2
1130 /	DEF AT local marker benthic foram increase	DEF IN 2
1370 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1430 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1760 /	DEF AT local marker foram increase	DEF AT 2
2870 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3230 /	DEF AT local marker foram decrease	DEF AT 1
3380 /	DEF AT local marker benthic foram increase	DEF AT 2
3770 /	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
4340 /	DEF AT local marker foram increase	DEF AT 2
4850 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5030 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
5239 /	DEF AT local marker planktic foram increase	DEF IN 2
5240 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
5270 /	DEF AT local marker foram decrease	DEF AT 2
5540 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6380 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6920 /	DEF AT local marker foram decrease	DEF AT 2
8450 /	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
8480 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 301	Date of Summary: 28-SEP-1971	First Sample Examined: 875
Lease Number: G02085	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12458
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12458
API Well Number: 177064001000	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 875 - 12458	Water Depth: 163
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8600 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
8660 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8690 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
8810 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9320 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9350 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9500 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9650 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9918 /	DEF AT Bathysiphon fauna	DEF AT 5
9919 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
9920 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
10160 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 5
10310 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 5
10520 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
10850 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF IN 5
10940 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 5
11000 /	DEF AT local marker planktic foram increase	DEF IN 5
11209 /	DEF AT Bathysiphon fauna	DEF IN 5
11210 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 5
11720 /	DEF AT Lower Pliocene (Zanclian) Sigmolinita "P" / cf. schlumbergeri	DEF IN 5
12000 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 5
12420 /	DEF IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 5
12458 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 302	Date of Summary: 03-JAN-1977	First Sample Examined: 4500
Lease Number: G03138	Source of Paleo: OPERATOR	Borehole MD: 11141
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9888
API Well Number: 177064021700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4500 - 11090	Water Depth: 197
Public Info Code: Y 11-JAN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4460	DEF AT first sample examined	DEF AT
10480 / 9225	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
11090 / 9709	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 303	Date of Summary: 14-OCT-1982	First Sample Examined: 1000
Lease Number: G04805	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8113
API Well Number: 177064051200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9000	Water Depth: 193
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
1870 / 1870	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
2650 / 2650	DEF AT non-marine sediment	DEF AT 0
2680 / 2680	DEF AT -----	DEF AT 1
3940 / 3937	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	POS AT 1
4000 / 3994	DEF AT -----	DEF AT 1
4150 / 4135	DEF AT -----	POS AT 1
4210 / 4190	DEF AT -----	DEF AT 1
5200 / 5062	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 1
5500 / 5324	DEF AT -----	DEF AT 1
5830 / 5610	DEF AT -----	POS AT 1
6130 / 5869	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 1
6250 / 5972	DEF AT -----	DEF AT 1
6430 / 6124	DEF AT -----	POS AT 1
6550 / 6222	DEF AT -----	DEF AT 1
7360 / 6858	POS AT unconformity	POS AT 1
7480 / 6952	DEF AT -----	DEF AT 1
7840 / 7231	DEF AT -----	POS AT 1
8020 / 7370	DEF AT -----	DEF AT 1
8050 / 7393	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 2
8290 / 7578	DEF AT -----	POS AT 1
8740 / 7918	POS AT -----	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 303	Date of Summary: 14-OCT-1982	First Sample Examined: 1000
Lease Number: G04805	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 8113
API Well Number: 177064051200	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 1000 - 9000	Water Depth: 193
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8770 / 7940	DEF AT - - - - -	DEF AT 2
9000 / 8112	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 303	Date of Summary: 30-NOV-1982	First Sample Examined: 3400
Lease Number: G04805	Source of Paleo: OPERATOR	Borehole MD: 14552
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 14103
API Well Number: 177064051201	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 3400 - 14552	Water Depth: 270
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3400 / 3400	DEF AT first sample examined	DEF AT 1
3460 / 3460	DEF AT cement	POS AT 1
5110 / 5109	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 1
5111 / 5110	POS AT unconformity	POS AT 1
5140 / 5139	DEF AT faunal change (no faunal increase)	DEF AT 1
6160 / 6159	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6430 / 6429	DEF AT faunal change (no faunal increase)	POS AT 1
6580 / 6579	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	POS AT 1
6610 / 6609	DEF AT faunal change (no faunal increase)	DEF AT 1
7690 / 7689	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 1
8740 / 8739	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
8950 / 8949	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8980 / 8979	DEF AT faunal change (no faunal increase)	DEF AT 2
9040 / 9039	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	POS AT 2
9430 / 9429	DEF AT faunal change (no faunal increase)	POS AT 1
9699 / 9697	DEF AT unconformity	DEF AT 3
9700 / 9698	DEF AT faunal change (no faunal increase)	DEF AT 3
9790 / 9787	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	POS AT 3
9850 / 9846	DEF AT faunal change (no faunal increase)	DEF AT 3
10240 / 10222	DEF AT faunal change (no faunal increase)	POS AT 4
10300 / 10280	POS AT unconformity	POS AT 4
10420 / 10395	DEF AT faunal change (no faunal increase)	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 303	Date of Summary: 30-NOV-1982	First Sample Examined: 3400
Lease Number: G04805	Source of Paleo: OPERATOR	Borehole MD: 14552
Well Name: 002	Paleo Done By: PALEO CONTROL INC.	Borehole TVD: 14103
API Well Number: 177064051201	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 3400 - 14552	Water Depth: 270
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10540 / 10510	DEF AT faunal change (no faunal increase)	DEF AT 4
10570 / 10539	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
10690 / 10653	DEF AT faunal change (no faunal increase)	DEF AT 3
11200 / 11133	DEF AT faunal change (no faunal increase)	POS AT 4
11470 / 11371	POS AT out-of-place section	POS AT 1
11860 / 11715	DEF AT faunal change (no faunal increase)	DEF AT 2
11890 / 11742	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
12130 / 11955	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
13000 / 12748	POS AT unconformity	DEF AT 4
13510 / 13198	DEF AT faunal change (no faunal increase)	DEF AT 3
13630 / 13300	DEF AT faunal change (no faunal increase)	DEF AT 4
14552 / 14092	DEF AT last sample examined	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 306	Date of Summary: 13-JUL-1970	First Sample Examined: 705
Lease Number: G01171	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10546
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10546
API Well Number: 177060003600	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 705 - 10420	Water Depth: 140
Public Info Code: Y 15-MAY-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
705 /	DEF AT first sample examined	POS AT 2
2830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3609 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
3610 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5290 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6520 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7180 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
8710 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 3
9640 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10150 /	DEF AT faunal change (no faunal increase)	DEF AT 5
10420 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 306	Date of Summary: 20-APR-1982	First Sample Examined: 0
Lease Number: G04426	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8514
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7040
API Well Number: 177064049400	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 200
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 6573	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 308	Date of Summary: 02-DEC-1975	First Sample Examined: 4222
Lease Number: G02874	Source of Paleo: OPERATOR	Borehole MD: 8870
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8130
API Well Number: 177064016200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 4222 - 8995	Water Depth: 133
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4222 / 4202	DEF AT first sample examined	DEF AT
5895 / 5692	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8995 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 308	Date of Summary: 03-NOV-1978	First Sample Examined: 930
Lease Number: G02874	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8870
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 8130
API Well Number: 177064016200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 930 - 8995	Water Depth: 133
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
930 / 930	DEF AT first sample examined	DEF IN 2
2130 / 2130	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
3375 / 3374	DEF AT faunal change (no faunal increase)	DEF AT 3
4520 / 4482	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4825 / 4758	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5895 / 5692	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6245 / 6000	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6290 / 6039	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6335 / 6078	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
8630 / 7981	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
8995 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 308	Date of Summary: 17-AUG-1976	First Sample Examined: 3990
Lease Number: G02874	Source of Paleo: OPERATOR	Borehole MD: 7547
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7035
API Well Number: 177064018400	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 3990 - 7547	Water Depth: 133
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3965	DEF AT first sample examined	DEF AT
7455 / 6956	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7547 / 7035	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 311	Date of Summary: 04-OCT-1983	First Sample Examined: 0
Lease Number: G04214	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8045
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7754
API Well Number: 177064053300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 193
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 998	DEF AT - - - - -	DEF AT 2
2350 / 2293	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3720 /	DEF AT - - - - -	DEF AT 3
5250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 313	Date of Summary: 30-OCT-1970	First Sample Examined: 3500
Lease Number: G01172	Source of Paleo: OPERATOR	Borehole MD: 10631
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10631
API Well Number: 177062002700	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3500 - 10320	Water Depth: 204
Public Info Code: Y 17-NOV-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF AT 2
4610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5000 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5660 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6139 /	DEF AT local marker benthic foram increase	DEF AT 3
6140 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7340 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9650 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10200 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
10320 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 313	Date of Summary: 01-SEP-1971	First Sample Examined: 2723
Lease Number: G01172	Source of Paleo: OPERATOR	Borehole MD: 6997
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6997
API Well Number: 177064002400	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2723 - 6983	Water Depth: 208
Public Info Code: Y 04-SEP-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2723 /	DEF AT first sample examined	DEF AT 2
3908 /	DEF AT Upper Pleistocene	DEF AT 2
4371 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4654 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5359 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5932 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6106 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6983 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 313	Date of Summary: 24-JUL-1975	First Sample Examined: 3060
Lease Number: G01172	Source of Paleo: OPERATOR	Borehole MD: 6830
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6829
API Well Number: 177064016300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3060 - 6810	Water Depth: 210
Public Info Code: Y 07-AUG-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3060 /	DEF AT first sample examined	DEF AT 2
3061 /	DEF AT Upper Pleistocene	DEF AT 2
3270 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3420 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4050 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4260 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5340 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6479 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
6480 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6810 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 313	Date of Summary: 04-AUG-1976	First Sample Examined: 4910
Lease Number: G01172	Source of Paleo: OPERATOR	Borehole MD: 9370
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8039
API Well Number: 177064020200	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4910 - 9370	Water Depth: 210
Public Info Code: Y 26-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4910 / 4241	DEF AT first sample examined	DEF AT 2
5420 / 4626	DEF AT sample gap top	POS AT 2
5589 / 4754	DEF AT sample gap bottom	DEF AT 2
5590 / 4755	DEF AT faunal change (no faunal increase)	DEF AT 3
6860 / 5739	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7910 / 6619	DEF AT sample gap top	POS AT 3
8010 / 6708	DEF AT sample gap bottom	DEF AT 3
8070 / 6764	DEF AT faunal change (no faunal increase)	DEF AT 3
8220 / 6907	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8370 / 7053	DEF AT cement	POS AT 4
8670 / 7344	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9060 / 7730	DEF AT sample gap top	POS AT 4
9115 / 7785	DEF AT sample gap bottom	DEF AT 4
9145 / 7815	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
9370 / 8039	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 313	Date of Summary: 15-SEP-1976	First Sample Examined: 3280
Lease Number: G01172	Source of Paleo: OPERATOR	Borehole MD: 7152
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6774
API Well Number: 177064021000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3280 - 7130	Water Depth: 210
Public Info Code: Y 16-SEP-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3280 / 3076	DEF AT first sample examined	POS AT 2
3281 / 3076	DEF IN cement	DEF AT 2
3530 / 3287	DEF AT faunal change (no faunal increase)	DEF AT 2
3650 / 3391	DEF AT sample gap top	POS AT 2
4009 / 3707	DEF AT sample gap bottom	DEF AT 2
4010 / 3708	DEF AT faunal change (no faunal increase)	DEF AT 2
5450 / 5076	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5950 / 5572	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6070 / 5692	DEF AT local marker foram increase	DEF AT 3
6699 / 6320	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6700 / 6321	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6920 / 6541	DEF AT local marker foram increase	DEF AT 3
7098 / 6719	DEF AT out-of-place section	DEF AT 5
7099 / 6720	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7100 / 6721	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
7130 / 6751	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 314	Date of Summary: 04-APR-1980	First Sample Examined: 1110
Lease Number: G02875	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8190
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 8000
API Well Number: 177064034300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1110 - 8190	Water Depth: 122
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1110 / 1110	DEF AT first sample examined	DEF IN 3
1111 / 1111	DEF IN local marker planktic foram increase	DEF IN 3
1260 / 1260	DEF AT local marker benthic foram increase	DEF IN 3
1710 / 1710	DEF AT sample gap top	POS IN 3
2019 / 2019	DEF AT sample gap bottom	DEF AT 3
2020 / 2020	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2110 / 2110	DEF AT pyrite	DEF AT 3
2170 / 2170	DEF AT local marker foram decrease	DEF IN 2
3042 / 3042	DEF AT local marker benthic foram increase	DEF IN 2
3220 / 3220	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
3370 / 3370	DEF AT local marker foram decrease	DEF AT 2
3700 / 3700	DEF AT local marker benthic foram increase	DEF AT 2
4180 / 4177	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4330 / 4323	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiszens (acme "B")	DEF AT 2
4390 / 4381	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4630 / 4604	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
5050 / 4982	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5200 / 5117	DEF AT local marker foram decrease	DEF AT 3
5920 / 5772	DEF AT local marker benthic foram increase	DEF IN 3
6760 / 6580	DEF AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF IN 3
6849 / 6668	DEF AT local marker benthic foram increase	DEF AT 3
6850 / 6669	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 314	Date of Summary: 04-APR-1980	First Sample Examined: 1110
Lease Number: G02875	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8190
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 8000
API Well Number: 177064034300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 1110 - 8190	Water Depth: 122
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7030 / 6847	DEF AT Cyclamina sp. (local marker)	DEF AT 3
7180 / 6996	DEF AT local marker benthic foram increase	DEF AT 4
7270 / 7086	DEF AT local marker foram decrease	DEF IN 3
7420 / 7235	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
7480 / 7295	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7570 / 7385	DEF AT local marker foram decrease	DEF AT 3
7630 / 7445	DEF IN Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
8190 / 8004	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 318	Date of Summary: 29-AUG-1969	First Sample Examined: 4250
Lease Number: G01174	Source of Paleo: OPERATOR	Borehole MD: 7146
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7146
API Well Number: 177062000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 15-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 /	DEF AT first sample examined	DEF AT
7110 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 318	Date of Summary: 29-AUG-1969	First Sample Examined: 4965
Lease Number: G01174	Source of Paleo: OPERATOR	Borehole MD: 8888
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8373
API Well Number: 177062000600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 4965 - 8880	Water Depth: 141
Public Info Code: Y 15-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4965 / 4925	DEF AT first sample examined	DEF AT
8020 / 7678	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8880 / 8404	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 318	Date of Summary: 15-SEP-1969	First Sample Examined: 4820
Lease Number: G01174	Source of Paleo: OPERATOR	Borehole MD: 7841
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 7769
API Well Number: 177062000900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4820 - 7841	Water Depth: 141
Public Info Code: Y 15-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4820 / 4768	DEF AT first sample examined	DEF AT
7295 / 7201	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7841 / 7739	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 319	Date of Summary: 12-OCT-1970	First Sample Examined: 775
Lease Number: G01175	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12558
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12558
API Well Number: 177060003200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 775 - 12558	Water Depth: 148
Public Info Code: Y 20-MAY-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
775 /	DEF AT first sample examined	POS IN 1
2295 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2565 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3680 /	DEF AT local marker benthic foram increase	DEF AT 3
3710 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6825 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6885 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7420 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
8803 /	DEF AT Upper Pliocene (Gelasian) Globorotalia praeirsuta	DEF AT 4
8993 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
9593 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10060 /	DEF AT Upper Pliocene (Gelasian) Bolivina imperata / "P"	DEF IN 3
10400 /	POS AT Cyclamina sp. (local marker)	DEF AT 4
10520 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 4
11294 /	POS AT Cyclamina sp. (local marker)	DEF AT 4
11466 /	DEF AT pyrite	DEF AT 4
11609 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
11610 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 4
11790 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
11940 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
12091 /	DEF AT Bathysiphon fauna	DEF AT 5
12151 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 319	Date of Summary: 12-OCT-1970	First Sample Examined: 775
Lease Number: G01175	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12558
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 12558
API Well Number: 177060003200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 775 - 12558	Water Depth: 148
Public Info Code: Y 20-MAY-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12280 /	POS AT Lower Pliocene (Zanclian) <i>Uvigerina rustica</i>	DEF AT 5
12281 /	POS AT Lower Pliocene (Zanclian) <i>Buliminella 1</i>	DEF AT 5
12558 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 11-JAN-1972	First Sample Examined: 3970
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 6264
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6264
API Well Number: 177064001600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3970 - 6250	Water Depth: 209
Public Info Code: Y 06-FEB-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 /	DEF AT first sample examined	DEF IN 3
5500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6130 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
6250 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 18-FEB-1972	First Sample Examined: 4970
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 9578
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9106
API Well Number: 177064001601	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 4970 - 9580	Water Depth: 209
Public Info Code: Y 18-MAR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4970 / 4880	DEF AT first sample examined	DEF IN 3
5390 / 5260	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8020 / 7661	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8710 / 8313	DEF AT - - - - -	DEF AT 4
8830 / 8424	DEF AT Cyclammina sp. (local marker)	DEF AT 5
9370 / 8922	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9430 / 8977	DEF AT - - - - -	DEF AT 3
9580 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 24-MAR-1972	First Sample Examined: 4000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 9250
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 9250
API Well Number: 177064003900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9250	Water Depth: 200
Public Info Code: Y 21-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF IN 2
4001 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
4690 /	DEF AT - - - - -	DEF AT 3
5590 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5740 /	DEF AT - - - - -	DEF AT 4
5920 /	DEF AT - - - - -	DEF AT 3
8020 /	DEF AT - - - - -	DEF AT 4
8800 /	DEF AT local marker (general)	DEF AT 4
9250 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 14-APR-1972	First Sample Examined: 3000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8329
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 8329
API Well Number: 177064004200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8329	Water Depth: 208
Public Info Code: Y 13-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF IN 2
3540 /	DEF AT - - - - -	DEF AT 3
4500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6660 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7440 /	DEF AT - - - - -	DEF AT 4
7690 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
7710 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7890 /	DEF AT - - - - -	DEF AT 3
8329 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 03-MAY-1972	First Sample Examined: 3350
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 6223
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 6223
API Well Number: 177064004800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3350 - 6222	Water Depth: 204
Public Info Code: Y 28-MAY-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3350 /	DEF AT first sample examined	DEF IN 2
3770 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4130 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
4430 /	DEF AT - - - - -	DEF AT 4
4640 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
4940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5270 /	DEF AT - - - - -	DEF AT 3
6222 /	DEF AT last sample examined	DEF AT 3

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End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 14-AUG-1972	First Sample Examined: 3000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8289
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 8289
API Well Number: 177064005400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8289	Water Depth: 204
Public Info Code: Y 09-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF IN 2
3510 /	DEF AT - - - - -	DEF AT 3
4290 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6270 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
6450 /	DEF AT - - - - -	DEF AT 4
6990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7350 /	DEF AT - - - - -	DEF AT 5
8100 /	DEF AT - - - - -	DEF AT 3
8289 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 29-AUG-1972	First Sample Examined: 3000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 6023
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 6023
API Well Number: 177064005800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6023	Water Depth: 204
Public Info Code: Y 25-SEP-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF IN 2
3270 /	DEF AT - - - - -	DEF AT 3
4390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5950 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
6010 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
6023 /	DEF AT last sample examined	DEF IN 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 03-JAN-1973	First Sample Examined: 5010
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 7237
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7237
API Well Number: 177064006500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5010 - 7230	Water Depth: 207
Public Info Code: Y 07-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 5010	DEF AT first sample examined	DEF IN 3
5070 / 5070	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6720 / 6719	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7050 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7230 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 17-JAN-1973	First Sample Examined: 5030
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 7334
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6993
API Well Number: 177064006800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5030 - 7337	Water Depth: 207
Public Info Code: Y 10-FEB-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5030 / 4697	DEF AT first sample examined	DEF IN 3
5300 / 4964	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6920 / 6580	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7190 / 6850	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7337 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 15-FEB-1973	First Sample Examined: 5000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 9510
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7825
API Well Number: 177064007000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9510	Water Depth: 207
Public Info Code: Y 14-MAR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 / 4552	DEF AT first sample examined	DEF IN 2
5540 / 4926	DEF AT - - - - -	DEF AT 3
6020 / 5263	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8570 / 7112	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8990 / 7418	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9200 / 7574	DEF AT - - - - -	DEF AT 3
9510 / 7825	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 28-MAR-1973	First Sample Examined: 3200
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 5976
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 5620
API Well Number: 177064007300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3200 - 5954	Water Depth: 207
Public Info Code: Y 23-APR-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 2859	DEF AT first sample examined	DEF IN 2
4460 / 4106	DEF AT - - - - -	DEF AT 3
5060 / 4706	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5750 / 5396	POS AT Cyclamina sp. (local marker)	DEF AT 3
5954 / 5600	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 30-APR-1973	First Sample Examined: 5000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 9742
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 9574
API Well Number: 177064007500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9725	Water Depth: 207
Public Info Code: Y 24-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 4835	DEF AT first sample examined	DEF IN 3
5510 / 5345	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7130 / 6963	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7850 / 7683	DEF AT - - - - -	DEF AT 4
8060 / 7893	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8420 / 8253	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8540 / 8373	DEF AT - - - - -	DEF AT 5
8870 / 8703	DEF AT - - - - -	DEF AT 4
9680 /	DEF AT calcite	DEF AT
9725 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 21-MAY-1973	First Sample Examined: 3560
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 7849
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 7049
API Well Number: 177064007001	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3560 - 7850	Water Depth: 207
Public Info Code: Y 09-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3560 / 3412	DEF AT first sample examined	DEF IN 3
5600 / 5200	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
7850 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 12-JUN-1973	First Sample Examined: 4000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 6400
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 6248
API Well Number: 177064007800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4000 - 6400	Water Depth: 207
Public Info Code: Y 24-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3846	DEF AT first sample examined	DEF IN 2
4630 / 4472	DEF AT - - - - -	DEF AT 3
5080 / 4921	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6100 / 5941	POS AT Arenaceous fauna (local marker)	DEF AT 3
6400 / 6241	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 27-JUN-1973	First Sample Examined: 4000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8345
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 8103
API Well Number: 177064008300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4000 - 8350	Water Depth: 207
Public Info Code: Y 18-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3994	DEF AT first sample examined	DEF IN 2
4330 / 4309	DEF AT - - - - -	DEF AT 3
5290 / 5221	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7630 / 7434	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8350 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 13-JUL-1973	First Sample Examined: 4020
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 5989
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 4863
API Well Number: 177064008800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4020 - 5989	Water Depth: 207
Public Info Code: Y 04-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 3325	DEF AT first sample examined	DEF IN 3
5190 / 4193	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5989 / 4863	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 15-AUG-1973	First Sample Examined: 4150
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 7587
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 7440
API Well Number: 177064008900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4150 - 7540	Water Depth: 207
Public Info Code: Y 20-AUG-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4150 / 4015	DEF AT first sample examined	DEF IN 2
4780 / 4638	DEF AT - - - - -	DEF AT 3
5230 / 5085	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6820 / 6673	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7540 / 7393	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 13-AUG-1973	First Sample Examined: 3955
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 6513
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 6275
API Well Number: 177064009000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3955 - 6513	Water Depth: 207
Public Info Code: Y 06-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3955 / 3773	DEF AT first sample examined	DEF IN 2
5090 / 4854	DEF AT - - - - -	DEF AT 3
5492 / 5255	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6250 / 6013	DEF AT sample gap top	POS AT 3
6488 / 6250	DEF AT sample gap bottom	DEF AT 3
6513 / 6275	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 05-SEP-1973	First Sample Examined: 4250
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8294
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 7632
API Well Number: 177064009200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4250 - 8294	Water Depth: 207
Public Info Code: Y 26-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4250 / 3890	DEF AT first sample examined	DEF IN 2
4700 / 4271	DEF AT - - - - -	DEF AT 3
6050 / 5437	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8173 / 7512	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8294 / 7633	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 15-NOV-1973	First Sample Examined: 3979
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 5531
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 5108
API Well Number: 177064009600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3979 - 6088	Water Depth: 207
Public Info Code: Y 04-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3979 / 3466	DEF AT first sample examined	DEF IN 2
4802 / 4239	DEF AT - - - - -	DEF AT 3
6045 / 5468	DEF AT local marker (general)	DEF AT 3
6088 / 5511	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 04-OCT-1973	First Sample Examined: 3987
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8220
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 7742
API Well Number: 177064009201	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 3987 - 8236	Water Depth: 207
Public Info Code: Y 29-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3987 / 3715	DEF AT first sample examined	DEF IN 2
4755 / 4437	DEF AT - - - - -	DEF IN 3
5913 / 5542	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8136 / 7661	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8236 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 25-OCT-1973	First Sample Examined: 4500
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8260
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 7912
API Well Number: 177064009900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 117
Paleo Report Num: 1 of 1	Sample Range: 4500 - 8260	Water Depth: 207
Public Info Code: Y 18-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4499	DEF AT first sample examined	DEF IN 2
4757 / 4755	DEF AT - - - - -	DEF IN 3
7416 / 7122	DEF AT Arenaceous fauna (local marker)	DEF IN 3
8260 / 7912	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 16-MAY-1974	First Sample Examined: 3000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8860
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 8090
API Well Number: 177064011800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8850	Water Depth: 209
Public Info Code: Y 11-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2984	DEF AT first sample examined	DEF IN 3
4590 / 4343	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6870 / 6267	DEF AT Arenaceous fauna (local marker)	DEF IN 3
7800 / 7113	DEF AT - - - - -	DEF AT 5
8190 / 7468	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8790 / 8025	DEF AT - - - - -	DEF AT 3
8850 / 8081	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 26-JUL-1974	First Sample Examined: 4000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 11020
Well Name: B003	Paleo Done By: OPERATOR	Borehole TVD: 8790
API Well Number: 177064012300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11370	Water Depth: 209
Public Info Code: Y 23-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3461	DEF AT first sample examined	DEF IN 3
6620 / 5473	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
10020 / 8022	DEF AT Arenaceous fauna (local marker)	DEF IN 3
11130 /	DEF AT - - - - -	DEF AT 4
11250 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11370 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 03-SEP-1974	First Sample Examined: 3390
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 5960
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 5507
API Well Number: 177064012500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3390 - 5970	Water Depth: 209
Public Info Code: Y 16-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3390 / 3335	DEF AT first sample examined	DEF IN 3
4620 / 4293	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5990 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 15-OCT-1974	First Sample Examined: 3000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 5850
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 5405
API Well Number: 177064013700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3000 - 5850	Water Depth: 209
Public Info Code: Y 04-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2661	DEF AT first sample examined	DEF IN 3
4890 / 4421	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5850 / 5381	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 24-OCT-1974	First Sample Examined: 3000
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 5800
Well Name: B006	Paleo Done By: OPERATOR	Borehole TVD: 5503
API Well Number: 177064014400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 3000 - 5850	Water Depth: 209
Public Info Code: Y 21-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2973	DEF AT first sample examined	DEF IN 3
4450 / 4281	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
5850 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 320	Date of Summary: 03-DEC-1974	First Sample Examined: 5600
Lease Number: G02087	Source of Paleo: OPERATOR	Borehole MD: 8921
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 6775
API Well Number: 177064014700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5600 - 8970	Water Depth: 209
Public Info Code: Y 25-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5600 / 4419	DEF AT first sample examined	DEF IN 3
6890 / 5273	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8970 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 321	Date of Summary: 23-AUG-1971	First Sample Examined: 1050
Lease Number: G02088	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8193
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8193
API Well Number: 177064001200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8189	Water Depth: 205
Public Info Code: Y 23-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 /	DEF AT first sample examined	DEF AT 1
1324 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1549 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1592 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1684 /	DEF AT local marker foram decrease	DEF IN 1
2440 /	DEF AT local marker benthic foram increase	DEF AT 2
2480 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3480 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3770 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5050 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5670 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6250 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6970 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7090 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
7842 /	DEF AT local marker planktic foram increase	DEF AT 3
7887 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 3
8009 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
8015 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
8100 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
8189 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 329	Date of Summary: 28-MAY-1976	First Sample Examined: 1005
Lease Number: G02876	Source of Paleo: OPERATOR	Borehole MD: 9672
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9672
API Well Number: 177064019900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1005 - 9670	Water Depth: 220
Public Info Code: Y 30-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1005 /	DEF AT first sample examined	DEF AT
2260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3620 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
4280 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT
4790 /	DEF AT local marker foram increase	DEF AT
4850 /	DEF AT glauconite	DEF AT
5090 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
5450 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
6140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6680 /	DEF AT local marker benthic foram increase	DEF AT
7190 /	DEF AT sample gap top	DEF AT
7399 /	DEF AT sample gap bottom	DEF AT
7400 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8780 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT
9320 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
9670 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 329	Date of Summary: 23-MAY-1985	First Sample Examined: 1005
Lease Number: G02876	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9672
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 9672
API Well Number: 177064019900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1005 - 9672	Water Depth: 220
Public Info Code: Y 30-MAY-1978	Ecozone Eq MMS: Y	Paleo ID: 004

Remark:

MD / TVD	Paleo Top Description	Ecozone
1005 /	DEF AT first sample examined	DEF AT 2
1150 /	DEF AT glauconite	DEF AT 2
2260 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2380 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3170 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
3230 /	DEF AT cement	POS AT 1
3500 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3620 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3710 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4280 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5090 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
5330 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5450 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5690 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6680 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
6980 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7190 /	DEF AT sample gap top	POS AT 3
7400 /	DEF IN sample gap bottom	DEF AT 3
7430 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
7670 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7760 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8000 /	DEF AT faunal change (no faunal increase)	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 329	Date of Summary: 23-MAY-1985	First Sample Examined: 1005
Lease Number: G02876	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9672
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 9672
API Well Number: 177064019900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1005 - 9672	Water Depth: 220
Public Info Code: Y 30-MAY-1978	Ecozone Eq MMS: Y	Paleo ID: 004

MD / TVD	Paleo Top Description	Ecozone
8450 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8480 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8930 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9020 /	DEF AT drilling material	POS AT 3
9169 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
9170 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9500 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9672 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 10-JUL-1974	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6435
API Well Number: 177064012400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 216
Public Info Code: Y 21-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2310 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5730 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 18-JUL-1974	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6422
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6422
API Well Number: 177064013100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 08-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2510 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5800 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 19-SEP-1974	First Sample Examined: 0
Lease Number: G02572	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7247
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7247
API Well Number: 177064013800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 215
Public Info Code: Y 26-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6430 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6760 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 04-NOV-1976	First Sample Examined: 2970
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 7755
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7755
API Well Number: 177064021600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 2970 - 7755	Water Depth: 215
Public Info Code: Y 25-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2970 /	DEF AT first sample examined	DEF IN 3
3330 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
6750 /	DEF AT - - - - -	DEF AT 4
6780 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7755 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 08-DEC-1976	First Sample Examined: 3380
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 9589
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7628
API Well Number: 177064022000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 3	Sample Range: 3380 - 9096	Water Depth: 215
Public Info Code: Y 28-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3380 / 3008	DEF AT first sample examined	DEF AT
3381 / 3009	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4100 / 3533	DEF AT - - - - -	DEF AT 3
6470 / 5170	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8270 / 6461	DEF AT sample gap top	POS AT 3
8570 / 6713	DEF AT sample gap bottom	DEF AT 3
8720 / 6838	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8810 / 6913	DEF AT - - - - -	DEF AT 4
9096 / 7162	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 31-JAN-1977	First Sample Examined: 7630
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 9589
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7628
API Well Number: 177064022000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 3	Sample Range: 7630 - 9420	Water Depth: 215
Public Info Code: Y 28-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7630 / 5951	DEF AT first sample examined	DEF AT 3
7631 / 5951	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8910 / 6999	DEF AT - - - -	DEF AT 4
9150 / 7210	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9420 / 7460	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 31-JAN-1977	First Sample Examined: 9380
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 9589
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7628
API Well Number: 177064022000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 3 of 3	Sample Range: 9380 - 9589	Water Depth: 215
Public Info Code: Y 28-FEB-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack 2 report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9380 / 7423	DEF AT first sample examined	DEF AT 4
9560 / 7591	DEF AT - - - - -	DEF AT 5
9589 / 7618	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 03-MAR-1977	First Sample Examined: 3400
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 8378
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7802
API Well Number: 177064022800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3400 - 8320	Water Depth: 215
Public Info Code: Y 31-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3400 / 3024	DEF AT first sample examined	POS AT 3
3401 / 3025	DEF IN cement	POS AT 3
3760 / 3312	DEF AT - - - -	DEF AT 3
5470 / 4906	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7510 / 6940	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7870 / 7300	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8320 / 7750	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 19-APR-1977	First Sample Examined: 3880
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 11836
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8709
API Well Number: 177064024200	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3880 - 11810	Water Depth: 215
Public Info Code: Y 05-JUN-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3880 / 3267	DEF AT first sample examined	DEF IN 2
4210 / 3473	DEF AT - - - - -	DEF AT 3
5920 / 4572	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9040 / 6736	DEF AT poor sample interval top	DEF AT 3
9250 / 6875	DEF AT - - - - -	DEF AT 4
9790 / 7223	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11809 / 8678	DEF AT poor sample interval bottom	DEF AT 4
11810 / 8678	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 23-JUN-1977	First Sample Examined: 4360
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 8197
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7511
API Well Number: 177064024600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 4360 - 8170	Water Depth: 215
Public Info Code: Y 06-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4360 / 3805	DEF AT first sample examined	DEF IN 2
4960 / 4325	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
5260 / 4601	DEF AT - - - - -	DEF AT 3
6910 / 6225	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7450 / 6764	DEF AT - - - - -	DEF AT 4
7600 / 6914	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8170 / 7484	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 14-JUL-1977	First Sample Examined: 3730
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 8949
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7021
API Well Number: 177064026400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3730 - 8890	Water Depth: 215
Public Info Code: Y 05-AUG-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3730 / 2971	DEF AT first sample examined	DEF IN 3
6160 / 4647	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8620 / 6717	DEF AT - - - - -	DEF AT 4
8680 / 6773	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8890 / 6967	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 28-NOV-1977	First Sample Examined: 3300
Lease Number: G02572	Source of Paleo: OPERATOR	Borehole MD: 7788
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7188
API Well Number: 177064028600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3300 - 7770	Water Depth: 215
Public Info Code: Y 23-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 / 3181	DEF AT first sample examined	DEF AT 2
3301 / 3182	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3780 / 3630	DEF AT - - - - -	DEF AT 3
6390 / 6093	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7200 / 6865	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7350 /	DEF AT - - - - -	DEF AT 4
7770 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 03-OCT-1979	First Sample Examined: 3130
Lease Number: G02875	Source of Paleo: OPERATOR	Borehole MD: 7058
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4500
API Well Number: 177064031500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3130 - 7030	Water Depth: 215
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: No diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 / 2508	DEF AT first sample examined	DEF IN 3
7030 / 4512	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 331	Date of Summary: 15-MAY-1978	First Sample Examined: 3230
Lease Number: G02875	Source of Paleo: OPERATOR	Borehole MD: 9822
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8399
API Well Number: 177064032000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3230 - 9840	Water Depth: 215
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3230 / 3010	DEF AT first sample examined	DEF IN 3
3231 / 3010	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8030 / 6927	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
8660 / 7439	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9390 / 8046	POS AT faunal change (no faunal increase)	DEF AT 4
9840 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 336	Date of Summary: 29-NOV-1983	First Sample Examined: 1370
Lease Number: G04429	Source of Paleo: OPERATOR	Borehole MD: 6450
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6450
API Well Number: 177064054300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1370 - 6440	Water Depth: 224
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1370 /	DEF AT first sample examined	DEF AT 2
2060 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2210 /	DEF AT - - - - -	DEF AT 2
3350 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4220 /	DEF AT - - - - -	DEF AT 2
4460 /	DEF AT - - - - -	DEF AT 3
5300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6440 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 337	Date of Summary: 28-JUL-1982	First Sample Examined: 1500
Lease Number: G03985	Source of Paleo: OPERATOR	Borehole MD: 9020
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9020
API Well Number: 177064050700	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1500 - 9030	Water Depth: 100
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF AT
1680 /	DEF AT faunal change (no faunal increase)	DEF IN 2
1890 /	POS AT faunal change (no faunal increase)	DEF AT 3
2460 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7560 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8190 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9030 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 337	Date of Summary: 08-NOV-1984	First Sample Examined: 1500
Lease Number: G03985	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9020
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 9020
API Well Number: 177064050700	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1500 - 9030	Water Depth: 100
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: N	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 /	DEF AT first sample examined	DEF AT
1501 /	DEF IN cement	DEF AT
1650 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1890 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1950 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2370 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2550 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2700 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2970 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3240 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3420 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3570 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3780 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3900 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4000 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4800 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4890 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5640 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5820 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7650 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7770 /	DEF AT poor sample interval top	POS AT 2

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 337	Date of Summary: 08-NOV-1984	First Sample Examined: 1500
Lease Number: G03985	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9020
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 9020
API Well Number: 177064050700	Drilling Operator: ZAPATA EXPLORATION COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1500 - 9030	Water Depth: 100
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: N	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8010 /	DEF AT faunal change (no faunal increase)	POS AT 3
8130 /	DEF AT faunal change (no faunal increase)	POS AT 5
8250 /	DEF AT faunal change (no faunal increase)	POS AT 4
8310 /	DEF AT faunal change (no faunal increase)	POS AT 3
8460 /	DEF AT faunal change (no faunal increase)	POS AT 1
8700 /	DEF AT faunal change (no faunal increase)	POS AT 2
8850 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	POS AT 5
8889 /	DEF AT poor sample interval bottom	POS AT 5
9030 /	DEF AT last sample examined	POS AT 5

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 340	Date of Summary: 05-MAY-1977	First Sample Examined: 5100
Lease Number: G02090	Source of Paleo: OPERATOR	Borehole MD: 6688
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5620
API Well Number: 177064024000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 30-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5100 / 4370	DEF AT first sample examined	DEF AT
6688 / 5620	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 340	Date of Summary: 26-FEB-1971	First Sample Examined: 900
Lease Number: G02091	Source of Paleo: OPERATOR	Borehole MD: 6270
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6264
API Well Number: 177064000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 900 - 6270	Water Depth: 240
Public Info Code: Y 22-MAR-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 / 900	DEF AT first sample examined	DEF AT
6269 / 6263	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6270 / 6264	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 340	Date of Summary: 22-APR-1971	First Sample Examined: 967
Lease Number: G02091	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6270
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6264
API Well Number: 177064000300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 967 - 6260	Water Depth: 240
Public Info Code: Y 22-MAR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
967 / 967	DEF AT first sample examined	POS AT 2
1027 / 1027	DEF AT faunal change (no faunal increase)	DEF AT 2
1087 / 1087	DEF AT faunal change (no faunal increase)	DEF IN 2
1117 / 1117	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 2
2077 / 2077	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2227 / 2227	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3027 / 3027	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4900 / 4899	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5040 / 5039	DEF AT pyrite	DEF AT 2
5980 / 5976	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6240 / 6234	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6260 / 6254	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 342	Date of Summary: 10-SEP-1980	First Sample Examined: 0
Lease Number: G02574	Source of Paleo: OPERATOR	Borehole MD: 6600
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6600
API Well Number: 177064014900	Drilling Operator: CLARK OIL PRODUCING CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by correlation

MD / TVD	Paleo Top Description	Ecozone
980 /	POS AT -----	DEF IN 2
1130 /	POS AT -----	DEF AT 3
2180 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3480 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4550 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 344	Date of Summary: 28-JAN-1974	First Sample Examined: 900
Lease Number: G02268	Source of Paleo: OPERATOR	Borehole MD: 6584
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6584
API Well Number: 177064010700	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 900 - 6577	Water Depth: 194
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 /	DEF AT first sample examined	DEF AT 3
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4100 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4220 /	DEF AT - - - - -	DEF AT 2
6100 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6577 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 344	Date of Summary: 04-JUN-1985	First Sample Examined: 900
Lease Number: G02268	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6584
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 6584
API Well Number: 177064010700	Drilling Operator: CONOCO INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 900 - 6577	Water Depth: 194
Public Info Code: Y 30-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 /	DEF AT first sample examined	DEF AT
901 /	DEF AT cement	DEF AT
1100 /	DEF AT faunal change (no faunal increase)	POS AT 2
1220 /	DEF AT faunal change (no faunal increase)	POS AT 1
1940 /	DEF AT faunal change (no faunal increase)	POS IN 1
2260 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
2340 /	DEF AT faunal change (no faunal increase)	POS AT 2
2860 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	POS AT 2
3220 /	DEF AT faunal change (no faunal increase)	POS AT 1
3380 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4060 /	DEF AT faunal change (no faunal increase)	POS AT 2
4140 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	POS AT 2
4460 /	DEF AT faunal change (no faunal increase)	POS AT 1
6060 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	POS AT 2
6577 /	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 345	Date of Summary: 20-AUG-1975	First Sample Examined: 0
Lease Number: G02269	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8138
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8138
API Well Number: 177064009100	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 220
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4560 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6160 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
6670 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 345	Date of Summary: 17-JAN-1977	First Sample Examined: 935
Lease Number: G02269	Source of Paleo: OPERATOR	Borehole MD: 6906
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6906
API Well Number: 177064022700	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 935 - 6880	Water Depth: 220
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
935 /	DEF AT first sample examined	DEF IN 2
1205 /	DEF AT - - - - -	DEF AT 3
2255 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2825 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3700 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3790 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3910 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
3937 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
3938 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
3939 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
3940 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
4990 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
5110 /	POS AT gouge	DEF AT 6
5200 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
5830 /	DEF AT anhydrite	DEF AT
5950 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT
6880 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 348	Date of Summary: 15-SEP-1976	First Sample Examined: 4450
Lease Number: G02271	Source of Paleo: OPERATOR	Borehole MD: 9091
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 9061
API Well Number: 177064021300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4450 - 9100	Water Depth: 240
Public Info Code: Y 20-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4450 / 4450	DEF AT first sample examined	DEF AT
8530 / 8520	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9100 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 349	Date of Summary: 03-SEP-1972	First Sample Examined: 2990
Lease Number: G02092	Source of Paleo: OPERATOR	Borehole MD: 6364
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6364
API Well Number: 177064003700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 2990 - 6386	Water Depth: 201
Public Info Code: Y 30-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2990 /	DEF AT first sample examined	DEF AT
3691 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
6386 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 350	Date of Summary: 22-APR-1981	First Sample Examined: 3460
Lease Number: G04430	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8462
API Well Number: 177064047000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3460 - 8500	Water Depth: 237
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3460 / 3460	DEF AT first sample examined	DEF AT 1
3461 / 3461	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4330 / 4330	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
4870 / 4870	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5290 / 5290	DEF AT - - - - -	DEF AT 1
6800 / 6799	DEF AT cement	POS AT 1
7120 / 7119	DEF AT - - - - -	DEF AT 1
7750 / 7749	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7960 / 7956	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
8290 / 8272	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8500 / 8462	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 354	Date of Summary: 11-APR-1979	First Sample Examined: 3500
Lease Number: G03140	Source of Paleo: OPERATOR	Borehole MD: 8625
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8625
API Well Number: 177064020700	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 3500 - 8625	Water Depth: 185
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF AT 3
3501 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4220 /	DEF AT local marker foram increase	DEF IN 3
4520 /	DEF AT cement	POS AT 3
4580 /	DEF AT - - - - -	DEF AT 3
5600 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5699 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6050 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 4
6470 /	DEF AT - - - - -	DEF AT 3
8510 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8625 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 354	Date of Summary: 17-APR-1979	First Sample Examined: 4680
Lease Number: G03140	Source of Paleo: OPERATOR	Borehole MD: 8284
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7913
API Well Number: 177064020701	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 4680 - 8284	Water Depth: 185
Public Info Code: Y 02-OCT-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4680 / 4679	DEF AT first sample examined	DEF AT 1
5670 / 5638	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 1
6180 / 6089	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6870 / 6699	DEF AT - - - - -	DEF AT 1
8160 / 7803	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
8284 / 7914	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 363	Date of Summary: 02-JAN-1976	First Sample Examined: 1000
Lease Number: G02272	Source of Paleo: OPERATOR	Borehole MD: 6288
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6288
API Well Number: 177064018500	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6230	Water Depth: 253
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 3
1060 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2680 /	DEF AT pyrite	DEF AT 2
3550 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4750 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4960 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
5230 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6130 /	DEF AT local marker benthic foram increase	DEF AT 4
6230 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 363	Date of Summary: 06-JAN-1977	First Sample Examined: 935
Lease Number: G02272	Source of Paleo: OPERATOR	Borehole MD: 6130
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 5995
API Well Number: 177064022400	Drilling Operator: AMINOIL INC.	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 935 - 6070	Water Depth: 253
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
935 / 935	DEF AT first sample examined	DEF IN 2
1120 / 1120	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1150 / 1150	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2050 / 2026	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2440 / 2385	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
3370 / 3253	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3640 / 3517	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 4
4270 / 4141	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4600 / 4469	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5530 / 5397	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
5890 / 5756	DEF AT Eggerella sp. (local marker)	DEF AT 4
6070 / 5935	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 364	Date of Summary: 25-OCT-1974	First Sample Examined: 835
Lease Number: G02273	Source of Paleo: OPERATOR	Borehole MD: 7966
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7966
API Well Number: 177064007700	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 835 - 7965	Water Depth: 258
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
835 /	DEF AT first sample examined	POS AT 3
1320 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2280 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3510 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6840 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7748 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7870 /	DEF AT - - - -	DEF AT 5
7965 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 364	Date of Summary: 07-NOV-1974	First Sample Examined: 835
Lease Number: G02273	Source of Paleo: OPERATOR	Borehole MD: 7966
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7966
API Well Number: 177064007700	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 835 - 7965	Water Depth: 258
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
835 /	DEF AT first sample examined	DEF AT 2
1200 /	DEF AT local marker foram increase	DEF AT 3
2280 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3180 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4110 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5970 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6150 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6810 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
7840 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
7965 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 364	Date of Summary: 21-JAN-1976	First Sample Examined: 1000
Lease Number: G02273	Source of Paleo: OPERATOR	Borehole MD: 7838
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7838
API Well Number: 177064018600	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7840	Water Depth: 258
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 2
1300 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2410 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3850 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5920 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
7300 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7840 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 369	Date of Summary: 17-OCT-1973	First Sample Examined: 1106
Lease Number: G02274	Source of Paleo: OPERATOR	Borehole MD: 4693
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4693
API Well Number: 177064007400	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 1106 - 4693	Water Depth: 310
Public Info Code: Y 11-NOV-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1106 /	DEF AT first sample examined	DEF AT 2
1290 /	DEF AT - - - - -	DEF AT 3
2580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4560 /	DEF AT - - - - -	DEF AT 4
4693 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 370	Date of Summary: 07-OCT-1987	First Sample Examined: 1805
Lease Number: G02275	Source of Paleo: OPERATOR	Borehole MD: 5969
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5969
API Well Number: 177064008500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1805 - 5960	Water Depth: 315
Public Info Code: Y 04-AUG-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1805 / 1805	DEF AT first sample examined	DEF AT 2
2480 / 2480	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3080 / 3080	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
3935 / 3935	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
5870 / 5870	DEF AT - - - - -	DEF IN 3
5960 / 5960	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 374	Date of Summary: 20-JUL-1978	First Sample Examined: 1160
Lease Number: G02577	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8398
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 8398
API Well Number: 177064015400	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1160 - 8398	Water Depth: 295
Public Info Code: Y 22-DEC-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1160 /	DEF AT first sample examined	DEF IN 3
1815 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2031 /	DEF AT local marker benthic foram increase	DEF AT 2
2150 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2590 /	DEF AT local marker foram increase	DEF AT 3
3230 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5619 /	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5620 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
7320 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7530 /	DEF AT faunal change (no faunal increase)	DEF IN 4
7800 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 4
8040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
8398 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 375	Date of Summary: 26-MAY-1983	First Sample Examined: 0
Lease Number: G03986	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9525
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8517
API Well Number: 177064052000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 310
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4355 / 4028	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT
7023 / 6293	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
7847 / 7004	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9318 / 8310	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9319 / 8311	POS IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 380	Date of Summary: 19-DEC-1974	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8449
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8449
API Well Number: 177064014600	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 328
Public Info Code: Y 25-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
7900 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 380	Date of Summary: 05-AUG-1977	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6407
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6407
API Well Number: 177064022900	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 321
Public Info Code: Y 07-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5350 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT
6310 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 380	Date of Summary: 09-NOV-1977	First Sample Examined: 0
Lease Number: G02580	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6562
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6562
API Well Number: 177064027300	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 360
Public Info Code: Y 30-AUG-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3430 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4825 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 385	Date of Summary: 16-JAN-1985	First Sample Examined: 0
Lease Number: G05452	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6906
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6906
API Well Number: 177064056000	Drilling Operator: SOHIO ALASKA PETROLEUM COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 18-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2180 / 2180	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5930 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 386	Date of Summary: 28-SEP-1973	First Sample Examined: 1065
Lease Number: G02278	Source of Paleo: OPERATOR	Borehole MD: 6090
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6090
API Well Number: 177064007200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 1065 - 6110	Water Depth: 315
Public Info Code: Y 22-OCT-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1065 /	DEF AT first sample examined	DEF IN 3
3110 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5270 /	DEF AT - - - - -	DEF AT 4
5480 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6110 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 389	Date of Summary: 23-SEP-1974	First Sample Examined: 0
Lease Number: G02581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5712
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5712
API Well Number: 177064013400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 424
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2750 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 389	Date of Summary: 23-JAN-1976	First Sample Examined: 0
Lease Number: G02581	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 177064018000	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 424
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5960 /	DEF AT local marker (general)	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 392	Date of Summary: 07-AUG-1980	First Sample Examined: 3500
Lease Number: G03329	Source of Paleo: OPERATOR	Borehole MD: 6255
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6255
API Well Number: 177064044600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 3500 - 6255	Water Depth: 305
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT 3
4190 /	DEF AT - - - - -	DEF AT 4
4220 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
4490 /	DEF AT cement	DEF AT 3
5270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6255 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 392	Date of Summary: 16-FEB-1981	First Sample Examined: 4650
Lease Number: G03329	Source of Paleo: OPERATOR	Borehole MD: 5872
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5872
API Well Number: 177064046600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 4650 - 5850	Water Depth: 312
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4650 /	DEF AT first sample examined	DEF AT 3
5340 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5850 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 392	Date of Summary: 12-APR-1984	First Sample Examined: 0
Lease Number: G03329	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5978
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5549
API Well Number: 177064054900	Drilling Operator: CHALLENGER MINERALS INC	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 310
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2453	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5246 / 4902	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 393	Date of Summary: 18-AUG-1975	First Sample Examined: 0
Lease Number: G02582	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5927
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5927
API Well Number: 177064017100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 316
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Ecozones obtained via phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2820 /	DEF AT - - - - -	DEF AT 3
3430 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4530 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5740 /	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 395	Date of Summary: 20-APR-1985	First Sample Examined: 1040
Lease Number: G02583	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9340
Well Name: 002	Paleo Done By: ED COTTON	Borehole TVD: 9340
API Well Number: 177064020000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1040 - 9340	Water Depth: 366
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1040 /	DEF AT first sample examined	DEF AT 2
1265 /	DEF AT local marker benthic foram increase	DEF AT 3
1715 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2255 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2840 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4415 /	DEF AT local marker foram increase	DEF AT 3
4460 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4910 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5135 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5270 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5360 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5405 /	DEF AT cement	POS AT 3
5765 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5855 /	DEF AT local marker benthic foram increase	DEF AT 1
6035 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6845 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
8060 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8870 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9340 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 397	Date of Summary: 11-FEB-1977	First Sample Examined: 3530
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 8586
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7988
API Well Number: 177064020100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 3530 - 8570	Water Depth: 387
Public Info Code: Y 02-MAR-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3530 / 3530	DEF AT first sample examined	DEF IN 3
3531 / 3531	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6560 / 6324	DEF AT - - - - -	DEF AT 4
6980 / 6684	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8570 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 397	Date of Summary: 24-FEB-1977	First Sample Examined: 3530
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 8586
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7988
API Well Number: 177064020100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 2 of 2	Sample Range: 3530 - 8570	Water Depth: 387
Public Info Code: Y 02-MAR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3530 / 3530	DEF AT first sample examined	DEF AT 3
3531 / 3531	DEF AT cement	DEF AT 3
4070 / 4070	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4220 / 4220	DEF AT - - - - -	DEF AT 2
5030 / 5003	DEF AT - - - - -	DEF AT 3
6500 / 6273	DEF AT local marker benthic foram increase	DEF AT 4
6710 / 6453	DEF AT - - - - -	DEF AT 5
7040 / 6735	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
7670 / 7272	DEF AT sand	DEF AT 3
8480 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8570 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 397	Date of Summary: 13-JUN-1977	First Sample Examined: 1150
Lease Number: G03141	Source of Paleo: OPERATOR	Borehole MD: 9779
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9779
API Well Number: 177064025600	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 1150 - 9780	Water Depth: 393
Public Info Code: Y 06-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 /	DEF AT first sample examined	DEF IN 3
3280 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6420 /	DEF AT - - - - -	DEF AT 4
8130 /	DEF AT sample gap top	POS AT 4
8220 /	DEF AT sample gap bottom	DEF AT 4
8280 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8820 /	DEF AT - - - - -	DEF AT 5
9330 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 5
9780 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 398	Date of Summary: 23-NOV-1974	First Sample Examined: 0
Lease Number: G02584	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6359
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6359
API Well Number: 177064012800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 397
Public Info Code: Y 20-JUL-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2700 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5970 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT
6090 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 398	Date of Summary: 15-AUG-1979	First Sample Examined: 1030
Lease Number: G02584	Source of Paleo: OPERATOR	Borehole MD: 6099
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6099
API Well Number: 177064028900	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 64
Paleo Report Num: 1 of 1	Sample Range: 1030 - 6070	Water Depth: 397
Public Info Code: Y 20-JUL-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1030 /	DEF AT first sample examined	DEF AT 1
1570 /	DEF AT -----	DEF AT 2
2920 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3040 /	DEF AT -----	DEF AT 1
4030 /	DEF AT -----	DEF AT 2
4060 /	POS AT -----	POS AT 1
4510 /	DEF AT -----	DEF AT 3
4840 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentes (acme "A")	DEF AT 3
4930 /	DEF AT -----	DEF AT 2
5110 /	POS AT -----	POS AT 1
6040 /	DEF AT last sample examined	POS AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 407	Date of Summary: 05-MAY-1977	First Sample Examined: 1130
Lease Number: G03142	Source of Paleo: OPERATOR	Borehole MD: 8526
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8526
API Well Number: 177064020900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 1130 - 8520	Water Depth: 366
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 /	DEF AT first sample examined	DEF IN 3
2570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5660 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7830 /	DEF AT - - - - -	DEF AT 5
8099 /	DEF AT gouge	DEF AT 6
8100 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 6
8460 /	DEF AT anhydrite	DEF AT 6
8520 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 407	Date of Summary: 27-MAY-1977	First Sample Examined: 1130
Lease Number: G03142	Source of Paleo: OPERATOR	Borehole MD: 8526
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8526
API Well Number: 177064020900	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 2 of 2	Sample Range: 1130 - 8526	Water Depth: 366
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 /	DEF AT first sample examined	DEF AT 3
2449 /	DEF AT glauconite	DEF AT 3
2450 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2690 /	DEF AT - - - - -	DEF AT 2
3530 /	DEF AT cement	POS AT 2
4010 /	DEF AT - - - - -	DEF AT 3
4760 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5660 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 5
5840 /	DEF AT - - - - -	DEF AT 4
6170 /	DEF AT cement	POS AT 4
6560 /	DEF AT - - - - -	DEF AT 4
7770 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8430 /	POS AT Upper Pliocene (Piacenzian) Ceratobulimina pacifica	DEF AT 6
8460 /	DEF AT caprock	DEF AT
8461 /	DEF AT calcite	DEF AT
8462 /	DEF AT gypsum	DEF AT
8490 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 407	Date of Summary: 08-AUG-1980	First Sample Examined: 3820
Lease Number: G03142	Source of Paleo: OPERATOR	Borehole MD: 7465
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7453
API Well Number: 177064043800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 3820 - 7450	Water Depth: 368
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3820 / 3820	DEF AT first sample examined	DEF AT 3
3821 / 3821	DEF IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4840 / 4838	DEF AT local marker benthic foram increase	DEF IN 3
5650 / 5645	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 4
5980 / 5973	DEF AT - - - - -	DEF AT 3
6490 / 6480	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7450 / 7438	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 407	Date of Summary: 26-SEP-1980	First Sample Examined: 4620
Lease Number: G03142	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8500
API Well Number: 177064044800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 4620 - 8500	Water Depth: 364
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4620 /	DEF AT first sample examined	POS AT 3
4621 /	DEF AT cement	POS AT 3
4860 /	DEF AT local marker benthic foram increase	DEF AT 3
5550 /	DEF AT - - - - -	DEF AT 4
5670 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 4
6120 /	DEF AT cement	DEF AT 4
6420 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
7210 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
7780 /	DEF AT - - - - -	DEF AT 5
8500 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 407	Date of Summary: 09-JAN-1980	First Sample Examined: 4530
Lease Number: G03142	Source of Paleo: OPERATOR	Borehole MD: 8932
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8932
API Well Number: 177064046100	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4530 - 8940	Water Depth: 360
Public Info Code: Y 20-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 / 4530	DEF AT first sample examined	POS AT 3
4531 / 4531	DEF AT cement	POS AT 3
4830 / 4830	DEF AT cement	DEF AT 3
5100 / 5100	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
5460 / 5460	DEF AT - - - - -	DEF IN 2
5900 / 5900	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 4
6000 / 6000	DEF AT cement	POS IN 4
6810 / 6810	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
7470 / 7470	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
8005 / 8005	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 6
8880 / 8880	DEF AT caprock	DEF AT 6
8881 / 8881	DEF AT calcite	DEF AT 6
8882 / 8882	DEF AT gypsum	DEF AT 6
8940 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: VR 409	Date of Summary: 18-FEB-1975	First Sample Examined: 0
Lease Number: G02585	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 3842
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 3842
API Well Number: 177064013900	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 492
Public Info Code: Y 30-APR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2310 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 20	Date of Summary: 10-NOV-1959	First Sample Examined: 0
Lease Number: 00680	Source of Paleo: OPERATOR	Borehole MD: 10450
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10450
API Well Number: 177002003300	Drilling Operator: BRITISH AMERICAN OIL PRODUCTIO	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 10-NOV-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5950 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8530 /	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9150 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 20	Date of Summary: 17-DEC-1959	First Sample Examined: 0
Lease Number: 00680	Source of Paleo: OPERATOR	Borehole MD: 10450
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10450
API Well Number: 177000000600	Drilling Operator: BRITISH AMERICAN OIL PRODUCTIO	Rkb Elevation: 38
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 10-DEC-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5950 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8530 /	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
9140 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 20	Date of Summary: 20-JUN-1960	First Sample Examined: 0
Lease Number: 00680	Source of Paleo: OPERATOR	Borehole MD: 10739
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 10739
API Well Number: 177000001000	Drilling Operator: BRITISH AMERICAN OIL PRODUCTIO	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 13-MAR-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6005 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8575 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
9215 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 20	Date of Summary: 31-AUG-1960	First Sample Examined: 0
Lease Number: 00680	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10500
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 10500
API Well Number: 177000001100	Drilling Operator: BRITISH AMERICAN OIL PRODUCTIO	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 14-JUN-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8615 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
9270 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 20	Date of Summary: 16-JUN-1960	First Sample Examined: 0
Lease Number: 00680	Source of Paleo: OPERATOR	Borehole MD: 10066
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 10066
API Well Number: 177000001200	Drilling Operator: BRITISH AMERICAN OIL PRODUCTIO	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 05-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8570 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9215 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 20	Date of Summary: 16-JUN-1960	First Sample Examined: 0
Lease Number: 00680	Source of Paleo: OPERATOR	Borehole MD: 10100
Well Name: 009	Paleo Done By: OPERATOR	Borehole TVD: 10100
API Well Number: 177000001300	Drilling Operator: BRITISH AMERICAN OIL PRODUCTIO	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 24-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5950 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8545 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
9210 /	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 28	Date of Summary: 28-SEP-1979	First Sample Examined: 830
Lease Number: G03317	Source of Paleo: OPERATOR	Borehole MD: 15520
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15516
API Well Number: 177004039200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 830 - 15520	Water Depth: 19
Public Info Code: Y 26-SEP-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
830 /	DEF AT first sample examined	DEF AT 1
2360 /	DEF AT - - - - -	DEF AT 2
3250 /	DEF AT - - - - -	DEF AT 1
5020 /	DEF AT - - - - -	DEF AT 2
5050 /	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5350 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
5590 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6010 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7419 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
7420 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7630 /	DEF AT - - - - -	DEF AT 2
9320 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9860 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
11480 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4
11810 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
12380 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
12859 /	DEF AT Bathysiphon fauna	DEF AT 4
12860 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
15520 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 28	Date of Summary: 26-JUN-1981	First Sample Examined: 9000
Lease Number: G03317	Source of Paleo: OPERATOR	Borehole MD: 16132
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15996
API Well Number: 177004047400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 58
Paleo Report Num: 1 of 2	Sample Range: 9000 - 16110	Water Depth: 19
Public Info Code: Y 26-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 8999	DEF AT first sample examined	DEF IN 3
9750 / 9749	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 3
11190 / 11189	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 3
13290 / 13288	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF IN 3
16110 / 15980	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 28	Date of Summary: 30-JUN-1981	First Sample Examined: 3600
Lease Number: G03317	Source of Paleo: OPERATOR	Borehole MD: 16132
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15996
API Well Number: 177004047400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 58
Paleo Report Num: 2 of 2	Sample Range: 3600 - 16110	Water Depth: 19
Public Info Code: Y 26-SEP-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3600 / 3600	DEF AT first sample examined	DEF AT 2
3960 / 3960	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5129 / 5129	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5130 / 5130	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
5970 / 5970	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7140 / 7139	DEF AT - - - - -	DEF AT 3
7200 / 7199	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
7350 / 7349	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
7620 / 7619	DEF AT - - - - -	DEF AT 2
9090 / 9089	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9750 / 9749	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
10200 / 10199	DEF AT Bathysiphon fauna	DEF AT 4
10500 / 10499	DEF AT - - - - -	DEF AT 3
10980 / 10979	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
11220 / 11219	DEF AT cement	POS AT 3
11430 / 11429	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
11730 / 11729	DEF AT - - - - -	DEF AT 3
12570 / 12568	DEF AT Eggerella sp. (local marker)	DEF AT 3
13290 / 13288	DEF AT - - - - -	DEF AT 4
14820 / 14817	DEF AT cement	POS AT 4
15300 / 15288	DEF AT - - - - -	DEF AT 3
15720 / 15672	DEF AT sample gap top	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 28	Date of Summary: 30-JUN-1981	First Sample Examined: 3600
Lease Number: G03317	Source of Paleo: OPERATOR	Borehole MD: 16132
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 15996
API Well Number: 177004047400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 58
Paleo Report Num: 2 of 2	Sample Range: 3600 - 16110	Water Depth: 19
Public Info Code: Y 26-SEP-1981	Ecozone Eq MMS:	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
16020 / 15912	DEF AT sample gap bottom	DEF AT 3
16110 / 15980	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 33	Date of Summary: 27-DEC-1987	First Sample Examined: 0
Lease Number: 00265	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15024
Well Name: M001	Paleo Done By: OPERATOR	Borehole TVD: 15024
API Well Number: 177004053400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 120
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 30-SEP-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10850 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 37	Date of Summary: 09-SEP-1981	First Sample Examined: 0
Lease Number: G03318	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16464
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16461
API Well Number: 177004046800	Drilling Operator: TOMLINSON OFFSHORE INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 21-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11990 /	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT
13940 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 38	Date of Summary: 10-JUL-1980	First Sample Examined: 0
Lease Number: G03252	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16061
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15962
API Well Number: 177004039300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 28
Public Info Code: Y 20-MAY-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8104 / 8103	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 38	Date of Summary: 06-NOV-1980	First Sample Examined: 8500
Lease Number: G03252	Source of Paleo: OPERATOR	Borehole MD: 16700
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 16668
API Well Number: 177004043800	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 8500 - 16700	Water Depth: 28
Public Info Code: Y 20-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8500 / 8500	DEF AT first sample examined	DEF IN 2
9580 / 9580	POS AT Lower Miocene (Burdigalian) Robulus chambersi	POS AT 3
12100 / 12100	DEF AT sample gap top	POS AT 3
12430 / 12430	DEF AT sample gap bottom	DEF AT 3
12640 / 12639	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
14380 / 14378	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
16700 / 16669	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 39	Date of Summary: 30-SEP-1975	First Sample Examined: 6490
Lease Number: G02821	Source of Paleo: OPERATOR	Borehole MD: 16082
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15008
API Well Number: 177004015800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 63
Paleo Report Num: 1 of 1	Sample Range: 6490 - 16080	Water Depth: 28
Public Info Code: Y 30-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6490 / 6490	DEF AT first sample examined	DEF AT
9200 / 9105	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
16080 / 15015	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 39	Date of Summary: 01-MAR-1978	First Sample Examined: 8830
Lease Number: G02821	Source of Paleo: OPERATOR	Borehole MD: 14790
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13688
API Well Number: 177004022500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 8830 - 14760	Water Depth: 28
Public Info Code: Y 30-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8830 / 8814	DEF AT first sample examined	DEF AT
9100 / 9072	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14760 / 13654	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 41	Date of Summary: 05-NOV-1979	First Sample Examined: 0
Lease Number: G03253	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10758
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10754
API Well Number: 177004035600	Drilling Operator: C & K MARINE PRODUCTION COMPAN	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 66
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7100 / 7098	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9390 / 9387	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10680 / 10676	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 42	Date of Summary: 13-NOV-1984	First Sample Examined: 1000
Lease Number: G04148	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13000
API Well Number: 177004067000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13000	Water Depth: 31
Public Info Code: Y 12-FEB-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF IN 1
2770 /	DEF AT - - - - -	DEF AT 2
3640 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6730 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9390 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10200 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
12000 /	POS IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
13000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 43	Date of Summary: 13-JAN-1977	First Sample Examined: 8400
Lease Number: G02822	Source of Paleo: OPERATOR	Borehole MD: 15550
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15550
API Well Number: 177004016200	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 36
Paleo Report Num: 1 of 1	Sample Range: 8400 - 15500	Water Depth: 29
Public Info Code: Y 26-MAR-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8400 /	DEF AT first sample examined	DEF IN 2
8910 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9920 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10920 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
12120 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
14910 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
15500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 44	Date of Summary: 10-AUG-1979	First Sample Examined: 0
Lease Number: G02823	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11267
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11267
API Well Number: 177004038000	Drilling Operator: GENERAL AMERICAN OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 29
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9230 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9470 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 45	Date of Summary: 20-JAN-1977	First Sample Examined: 9000
Lease Number: 00299	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14776
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 14776
API Well Number: 177004008300	Drilling Operator: GENERAL AMERICAN OIL COMPANY	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13190	Water Depth: 35
Public Info Code: Y 08-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9000 /	DEF AT first sample examined	DEF IN 2
9001 /	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF IN 2
9370 /	DEF AT - - - - -	DEF AT 3
9460 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10000 /	POS AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
10270 /	POS IN Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 4
10420 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
10540 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
13190 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 47	Date of Summary: 13-DEC-1977	First Sample Examined: 6000
Lease Number: G01437	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16000
API Well Number: 177004009300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 6000 - 16000	Water Depth: 30
Public Info Code: Y 23-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT first sample examined	DEF AT 2
6060 /	DEF AT local marker benthic foram increase	DEF AT 2
6270 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6390 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicarius	DEF AT 2
6810 /	DEF AT local marker foram decrease	DEF IN 1
6900 /	DEF AT local marker benthic foram increase	DEF AT 2
7290 /	DEF AT local marker foram decrease	DEF IN 1
7650 /	DEF AT pyrite	DEF IN 1
7740 /	DEF AT local marker benthic foram increase	DEF AT 2
7950 /	DEF AT local marker foram decrease	DEF IN 1
8280 /	DEF AT local marker benthic foram increase	DEF AT 2
8310 /	DEF AT local marker foram decrease	DEF AT 2
8460 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8550 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9150 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9270 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9390 /	POS IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3
9420 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
9600 /	DEF AT local marker foram decrease	DEF IN 2
9900 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
9960 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 3
10770 /	DEF AT local marker foram decrease	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 47	Date of Summary: 13-DEC-1977	First Sample Examined: 6000
Lease Number: G01437	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16000
API Well Number: 177004009300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 6000 - 16000	Water Depth: 30
Public Info Code: Y 23-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11220 /	POS AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
11700 /	DEF AT local marker benthic foram increase	DEF AT 3
11790 /	DEF AT cement	POS AT 3
11910 /	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 3
12060 /	POS AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 4
12180 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12240 /	DEF AT local marker foram decrease	DEF AT 4
12390 /	DEF AT local marker planktic foram increase	DEF AT 4
12420 /	POS AT Upper Oligocene (Chattian) Discorbis gravelli	DEF AT 4
13080 /	DEF AT local marker foram decrease	DEF AT 3
13590 /	DEF AT Upper Oligocene (Chattian) Globigerina ciperoensis ciperoensis	DEF AT 4
15180 /	DEF AT local marker foram increase	DEF AT 4
15960 /	DEF AT local marker planktic foram increase	DEF AT 4
16000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 47	Date of Summary: 18-JUN-1979	First Sample Examined: 0
Lease Number: G03801	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15700
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15700
API Well Number: 177004036200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8470 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9400 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9880 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
9970 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT
13140 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 48	Date of Summary: 16-MAR-2000	First Sample Examined: 8770
Lease Number: G01351	Source of Paleo: OPERATOR	Borehole MD: 17066
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 17066
API Well Number: 177000027600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 32
Paleo Report Num: 1 of 1	Sample Range: 8770 - 17000	Water Depth: 24
Public Info Code: Y 27-JUN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 10450=Planulina palmerae B, 11160=Planulina palmerae C

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8770 /	DEF AT first sample examined	DEF AT
8771 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
9000 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9450 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
10450 /	DEF AT local marker benthic foram increase	DEF AT
11160 /	DEF AT local marker benthic foram increase	DEF AT
12810 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT
13680 /	DEF AT - - - -	POS AT 4
17000 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 49	Date of Summary: 30-AUG-1977	First Sample Examined: 6260
Lease Number: G01439	Source of Paleo: OPERATOR	Borehole MD: 15805
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 15805
API Well Number: 177002009500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 34
Paleo Report Num: 1 of 2	Sample Range: 6260 - 15805	Water Depth: 28
Public Info Code: Y 11-JUL-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6260 /	DEF AT first sample examined	DEF AT
6261 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9100 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
9530 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
15805 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 49	Date of Summary: 10-JUL-1978	First Sample Examined: 7000
Lease Number: G01439	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15805
Well Name: 005	Paleo Done By: JOHN CARSTENS	Borehole TVD: 15805
API Well Number: 177002009500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 34
Paleo Report Num: 2 of 2	Sample Range: 7000 - 15805	Water Depth: 28
Public Info Code: Y 11-JUL-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 /	DEF AT first sample examined	DEF AT 2
7001 /	DEF IN Lower Miocene (Burdigalian) Camerina 1	DEF IN 2
7060 /	DEF AT local marker foram decrease	DEF AT 2
7990 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
8120 /	DEF AT local marker benthic foram increase	DEF IN 2
8380 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
8620 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
8710 /	DEF AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 3
8889 /	DEF AT foram flood	DEF AT 3
8890 /	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF IN 3
9079 /	DEF AT pyrite	DEF AT 3
9080 /	POS AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
9110 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT 3
9560 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF IN 3
9590 /	POS AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 4
9890 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
10280 /	DEF AT local marker foram increase	DEF AT 4
10370 /	DEF AT local marker foram decrease	DEF AT 4
10970 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
11270 /	DEF AT local marker foram decrease	DEF AT 4
11420 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
13000 /	DEF AT local marker foram decrease	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 49	Date of Summary: 10-JUL-1978	First Sample Examined: 7000
Lease Number: G01439	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15805
Well Name: 005	Paleo Done By: JOHN CARSTENS	Borehole TVD: 15805
API Well Number: 177002009500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 34
Paleo Report Num: 2 of 2	Sample Range: 7000 - 15805	Water Depth: 28
Public Info Code: Y 11-JUL-1973	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14410 /	POS AT Lower Miocene (Aquitanian) Globigerina angulisuturalis	DEF AT 4
14530 /	DEF AT local marker planktic foram increase	DEF AT 4
14590 /	POS AT deepwater facies Abbeville Iberia	DEF AT 4
14591 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14665 /	DEF AT local marker foram decrease	DEF AT 4
14980 /	DEF AT local marker planktic foram increase	DEF AT 4
15130 /	DEF AT Upper Oligocene (Chattian) Globigerina ciproensis ciproensis	DEF AT 4
15430 /	DEF AT Upper Oligocene (Chattian) Bolivina perca	DEF IN 3
15805 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 49	Date of Summary: 04-AUG-1975	First Sample Examined: 0
Lease Number: G01439	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12000
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177002012700	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 43
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 26
Public Info Code: Y 10-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8850 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 55	Date of Summary: 10-MAY-1982	First Sample Examined: 4530
Lease Number: G04083	Source of Paleo: OPERATOR	Borehole MD: 15972
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 15972
API Well Number: 177004046200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4530 - 15972	Water Depth: 38
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 /	DEF AT first sample examined	DEF IN 1
6030 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6600 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
6690 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8730 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9570 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
9690 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10620 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
12480 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
13680 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13890 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
14910 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 3
15972 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 55	Date of Summary: 09-JUN-1983	First Sample Examined: 8000
Lease Number: G04083	Source of Paleo: OPERATOR	Borehole MD: 14601
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14601
API Well Number: 177004060500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 2	Sample Range: 8000 - 10715	Water Depth: 33
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT first sample examined	DEF IN 2
9110 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
10070 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10715 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 55	Date of Summary: 09-JUN-1983	First Sample Examined: 8660
Lease Number: G04083	Source of Paleo: OPERATOR	Borehole MD: 14601
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14601
API Well Number: 177004060500	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 2 of 2	Sample Range: 8660 - 14600	Water Depth: 33
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
8660 /	DEF AT first sample examined	DEF IN 2
9110 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9980 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10910 /	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
12140 /	DEF AT Cyclammia cancellata (local marker)	DEF AT 4
13100 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
13910 /	DEF AT Upper Oligocene (Chattian) Robulus "A"	DEF AT 4
14600 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 55	Date of Summary: 06-OCT-1982	First Sample Examined: 4060
Lease Number: G04380	Source of Paleo: OPERATOR	Borehole MD: 15355
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14474
API Well Number: 177004055200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4060 - 15355	Water Depth: 38
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 / 4060	DEF AT first sample examined	DEF IN 1
4780 / 4780	DEF AT faunal change (no faunal increase)	DEF AT 2
6550 / 6537	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8980 / 8747	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
9910 / 9579	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10060 / 9714	DEF AT Lower Miocene (Aquitanian) Siphonina davisi	DEF AT 3
10930 / 10508	DEF AT Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 3
12640 / 12052	POS AT Cyclammia cancellata (local marker)	DEF AT 4
14320 / 13546	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 4
15355 / 14474	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 56	Date of Summary: 30-NOV-1984	First Sample Examined: 0
Lease Number: G05271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10006
API Well Number: 177004063800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 25-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10000 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
11500 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 56	Date of Summary: 28-FEB-1985	First Sample Examined: 0
Lease Number: G05271	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13994
API Well Number: 177004068300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 37
Public Info Code: Y 25-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10000 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
11500 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT
12200 /	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 58	Date of Summary: 24-OCT-1983	First Sample Examined: 5970
Lease Number: G04381	Source of Paleo: OPERATOR	Borehole MD: 13502
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13500
API Well Number: 177004061000	Drilling Operator: UNION TEXAS PETROLEUM CORP	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 5970 - 13500	Water Depth: 40
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5970 /	DEF AT first sample examined	DEF IN 2
6840 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
9180 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9690 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12630 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
13500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 61	Date of Summary: 06-JAN-1984	First Sample Examined: 300
Lease Number: G05274	Source of Paleo: OPERATOR	Borehole MD: 13864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13208
API Well Number: 177004063900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 3	Sample Range: 300 - 6380	Water Depth: 35
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
300 / 300	DEF AT first sample examined	DEF AT 1
540 / 540	DEF AT local marker benthic foram increase	DEF AT 1
780 / 780	DEF AT non-marine sediment	POS AT 1
4140 / 4058	DEF AT shell fragments	DEF AT 1
4260 / 4164	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
5240 / 5020	DEF AT sample gap top	POS AT 1
5570 / 5303	DEF AT sample gap bottom	DEF AT 1
5810 / 5512	DEF AT reworked material	DEF AT 1
6110 / 5780	DEF AT reworked material	DEF AT 1
6290 / 5936	DEF AT local marker benthic foram increase	DEF AT 1
6380 / 6011	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 61	Date of Summary: 15-MAR-1984	First Sample Examined: 4732
Lease Number: G05274	Source of Paleo: OPERATOR	Borehole MD: 13864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13208
API Well Number: 177004063900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 3	Sample Range: 4732 - 6352	Water Depth: 35
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4732 / 4579	DEF AT first sample examined	POS AT 1
5810 / 5512	DEF AT shell fragments	DEF AT 1
6352 / 5988	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 61	Date of Summary: 15-MAR-1984	First Sample Examined: 6440
Lease Number: G05274	Source of Paleo: OPERATOR	Borehole MD: 13864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13208
API Well Number: 177004063900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 6440 - 13860	Water Depth: 35
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6440 / 6062	DEF AT first sample examined	DEF AT 2
6441 / 6063	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 2
6500 / 6112	DEF AT local marker foram decrease	DEF AT 1
6890 / 6441	DEF AT local marker benthic foram increase	DEF AT 1
7310 / 6811	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
7520 / 6996	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 2
7700 / 7161	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8180 / 7617	DEF AT local marker foram decrease	DEF AT 1
9530 / 8914	DEF AT local marker foram increase	DEF AT 2
9710 / 9090	DEF AT local marker foram decrease	DEF AT 1
9800 / 9179	POS IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9890 / 9268	POS AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
9950 / 9327	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10010 / 9387	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
10034 / 9410	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10310 / 9685	DEF AT Lower Miocene (Burdigalian) Catapsydrax dissimilis	DEF AT 2
10970 / 10345	DEF AT local marker foram decrease	DEF AT 1
11540 / 10915	POS AT local marker planktic foram increase	DEF AT 2
11600 / 10975	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
11715 / 11090	DEF AT local marker foram decrease	DEF AT 3
11840 / 11215	DEF AT reworked material	POS AT 3
11870 / 11245	DEF AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 61	Date of Summary: 15-MAR-1984	First Sample Examined: 6440
Lease Number: G05274	Source of Paleo: OPERATOR	Borehole MD: 13864
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13208
API Well Number: 177004063900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 95
Paleo Report Num: 3 of 3	Sample Range: 6440 - 13860	Water Depth: 35
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 004

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12180 / 11554	DEF AT local marker foram decrease	POS AT 2
12740 / 12112	DEF AT local marker foram increase	DEF AT 2
13430 / 12790	DEF AT - - - - -	DEF IN 2
13860 / 13206	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 63	Date of Summary: 20-MAY-1983	First Sample Examined: 0
Lease Number: G04748	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13480
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13111
API Well Number: 177004054501	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 34
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6900 / 6900	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7770 / 7770	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8040 / 8040	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10470 / 10430	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
13290 / 12941	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 65	Date of Summary: 07-MAR-1975	First Sample Examined: 7976
Lease Number: G02825	Source of Paleo: OPERATOR	Borehole MD: 15115
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15026
API Well Number: 177004013800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 7976 - 15100	Water Depth: 36
Public Info Code: Y 21-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7976 / 7975	DEF AT first sample examined	DEF AT
8216 / 8215	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10176 / 10174	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14551 / 14506	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
15100 / 15013	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 65	Date of Summary: 31-MAR-1977	First Sample Examined: 7819
Lease Number: G02825	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177004021300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 129
Paleo Report Num: 1 of 1	Sample Range: 7819 - 14000	Water Depth: 34
Public Info Code: Y 13-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7819 /	DEF AT first sample examined	DEF AT
13720 /	DEF AT Lower Miocene (Aquitanian) Siphonina davis	DEF AT
14000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 65	Date of Summary: 25-JUN-1982	First Sample Examined: 7980
Lease Number: G02825	Source of Paleo: OPERATOR	Borehole MD: 14000
Well Name: JA001	Paleo Done By: OPERATOR	Borehole TVD: 14000
API Well Number: 177004023300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 128
Paleo Report Num: 1 of 1	Sample Range: 7980 - 14000	Water Depth: 36
Public Info Code: Y 11-JUN-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 /	DEF AT first sample examined	DEF AT
8300 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8480 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8655 /	DEF AT sample gap top	DEF AT
10149 /	DEF AT sample gap bottom	DEF AT
10330 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
14000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 71	Date of Summary: 21-MAY-1970	First Sample Examined: 0
Lease Number: 00244	Source of Paleo: OPERATOR	Borehole MD: 11630
Well Name: E004	Paleo Done By: OPERATOR	Borehole TVD: 11184
API Well Number: 177002001100	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 25-OCT-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8550 / 8053	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9170 / 8673	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947
 End Date: 31-DEC-1987

Area Block: WC 71	Date of Summary: 21-MAY-1970	First Sample Examined: 0
Lease Number: 00244	Source of Paleo: OPERATOR	Borehole MD: 12530
Well Name: E005	Paleo Done By: OPERATOR	Borehole TVD: 11998
API Well Number: 177002001800	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 24-JAN-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8440 / 7995	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9150 / 8680	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10300 / 9795	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 77	Date of Summary: 10-SEP-1984	First Sample Examined: 5300
Lease Number: G05277	Source of Paleo: OPERATOR	Borehole MD: 12966
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10180
API Well Number: 177004065300	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 3	Sample Range: 5300 - 11630	Water Depth: 37
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5300 / 5082	DEF AT first sample examined	DEF IN 1
6321 / 5782	DEF AT faunal change (no faunal increase)	DEF AT 2
8870 / 7485	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
8931 / 7529	DEF AT faunal change (no faunal increase)	DEF AT 3
9170 / 7700	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11630 / 9308	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 77	Date of Summary: 10-SEP-1984	First Sample Examined: 11060
Lease Number: G05277	Source of Paleo: OPERATOR	Borehole MD: 12966
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10180
API Well Number: 177004065300	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 2 of 3	Sample Range: 11060 - 14045	Water Depth: 37
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack 1 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11060 / 8962	DEF AT first sample examined	DEF AT 3
12620 / 9950	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
14045 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 77	Date of Summary: 10-SEP-1984	First Sample Examined: 12660
Lease Number: G05277	Source of Paleo: OPERATOR	Borehole MD: 12966
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10180
API Well Number: 177004065300	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 85
Paleo Report Num: 3 of 3	Sample Range: 12660 - 14690	Water Depth: 37
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack 2 report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12660 / 9977	DEF AT first sample examined	DEF AT 3
13280 /	POS IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
14690 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 77	Date of Summary: 17-JAN-1985	First Sample Examined: 7000
Lease Number: G05277	Source of Paleo: OPERATOR	Borehole MD: 17802
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13520
API Well Number: 177004068500	Drilling Operator: MIDGARD ENERGY COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 7000 - 17800	Water Depth: 37
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 / 6139	DEF AT first sample examined	DEF IN 2
9131 / 7603	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF IN 2
9160 / 7622	DEF AT faunal change (no faunal increase)	DEF AT 3
9190 / 7642	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10930 / 8803	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
12640 / 9951	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
17140 / 13009	DEF AT faunal change (no faunal increase)	DEF AT 4
17590 / 13355	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 4
17800 / 13519	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 80	Date of Summary: 23-MAR-1981	First Sample Examined: 0
Lease Number: G03257	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14214
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13093
API Well Number: 177004044600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 14-MAR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7010 / 7010	DEF AT - - - - -	DEF AT 3
7250 / 7250	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
9410 / 9327	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
9920 / 9770	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
11780 / 11185	DEF AT - - - - -	DEF AT 4
12830 / 11995	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 81	Date of Summary: 02-NOV-1984	First Sample Examined: 0
Lease Number: G03258	Source of Paleo: OPERATOR	Borehole MD: 14767
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14767
API Well Number: 177004024500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 31-MAY-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9070 / 9069	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9490 / 9489	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10870 / 10869	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 82	Date of Summary: 29-APR-1979	First Sample Examined: 4000
Lease Number: G03259	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16000
API Well Number: 177004028600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 3	Sample Range: 4000 - 16000	Water Depth: 40
Public Info Code: Y 21-JAN-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	POS AT 2
6130 /	DEF AT pyrite	POS AT 2
6610 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 2
8740 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9070 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
9580 /	POS AT Lower Miocene (Burdigalian) Discorbis bolivarensis	DEF AT 2
9910 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
10120 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10360 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10690 /	DEF IN Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
11470 /	POS AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF IN 3
12220 /	DEF AT local marker benthic foram increase	DEF AT 4
12340 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 4
12970 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
16000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 82	Date of Summary: 17-JAN-1984	First Sample Examined: 4000
Lease Number: G03259	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177004028600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 2 of 3	Sample Range: 4000 - 16000	Water Depth: 40
Public Info Code: Y 21-JAN-1981	Ecozone Eq MMS:	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT
9040 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
9910 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
10120 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
16000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 82	Date of Summary: 28-MAR-1984	First Sample Examined: 9910
Lease Number: G03259	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 16000
API Well Number: 177004028600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 3 of 3	Sample Range: 9910 - 16000	Water Depth: 40
Public Info Code: Y 21-JAN-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9910 /	DEF AT first sample examined	DEF AT 3
9911 /	DEF IN Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF IN 3
9970 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF IN 3
10120 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 3
10250 /	DEF AT local marker foram decrease	DEF AT 3
10360 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 3
10690 /	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 4
11470 /	DEF AT local marker benthic foram increase	DEF IN 4
11680 /	DEF IN Lower Miocene (Aquitanian) Globigerinoides primordius	DEF IN 4
12279 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
12280 /	POS IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 5
12519 /	DEF IN deepwater facies Abbeville Iberia	DEF AT 5
12520 /	DEF IN Lower Miocene (Aquitanian) Lenticulina hanseni	DEF AT 5
13810 /	DEF AT Lower Miocene (Aquitanian) Globorotalia kugleri	DEF AT 5
14350 /	DEF AT local marker foram decrease	DEF AT 5
14380 /	DEF AT local marker foram increase	DEF AT 5
15850 /	DEF AT local marker foram decrease	DEF AT 5
15970 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 83	Date of Summary: 16-FEB-1979	First Sample Examined: 940
Lease Number: G03760	Source of Paleo: OPERATOR	Borehole MD: 16249
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13969
API Well Number: 177004033700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 940 - 16240	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
940 / 940	DEF AT first sample examined	DEF AT 0
1870 / 1870	DEF AT non-marine sediment	DEF AT 0
1871 / 1871	DEF AT - - - - -	DEF AT 1
2200 / 2200	DEF AT non-marine sediment	DEF AT 0
2201 / 2201	DEF AT - - - - -	DEF AT 1
3160 / 3160	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 1
3161 / 3161	POS AT reworked material	DEF AT 1
4380 / 4380	DEF AT sample gap top	POS AT 1
4520 / 4520	DEF AT sample gap bottom	DEF AT 1
5990 / 5937	DEF AT calcite	DEF AT 1
6530 / 6395	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 1
6770 / 6596	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 1
6830 / 6646	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
6920 / 6722	DEF AT local marker benthic foram increase	DEF AT 2
7070 / 6849	DEF AT - - - - -	DEF AT 1
7610 / 7307	DEF AT - - - - -	DEF AT 2
7640 / 7332	DEF AT - - - - -	DEF AT 1
8570 / 8114	DEF AT non-marine sediment	DEF AT 0
8571 / 8114	DEF AT - - - - -	DEF AT 1
8780 / 8286	DEF AT non-marine sediment	DEF AT 0
8781 / 8287	DEF AT - - - - -	DEF AT 1
9320 / 8734	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 83	Date of Summary: 16-FEB-1979	First Sample Examined: 940
Lease Number: G03760	Source of Paleo: OPERATOR	Borehole MD: 16249
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13969
API Well Number: 177004033700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 940 - 16240	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9950 / 9269	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
11390 / 10467	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
11450 / 10515	DEF AT local marker foram increase	DEF AT 2
11480 / 10539	POS AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
12800 / 11570	DEF AT local marker foram increase	DEF AT 3
12860 / 11616	DEF AT local marker (general)	DEF AT 3
12890 / 11639	DEF AT local marker (general)	DEF AT 3
12920 / 11662	DEF AT local marker (general)	DEF AT 3
13060 / 11769	DEF AT - - - - -	DEF AT 2
13420 / 12032	DEF AT - - - - -	DEF AT 3
13450 / 12052	DEF AT local marker foram increase	DEF AT 3
14230 / 12549	POS AT local marker (general)	DEF AT 3
15670 / 13516	DEF AT local marker foram increase	DEF AT 3
16120 / 13867	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
16230 / 13955	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 83	Date of Summary: 30-MAY-1980	First Sample Examined: 1060
Lease Number: G03760	Source of Paleo: OPERATOR	Borehole MD: 16210
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16210
API Well Number: 177004037100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 2	Sample Range: 1060 - 16210	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 /	DEF AT first sample examined	DEF AT 1
1240 /	DEF AT non-marine sediment	DEF AT 0
1241 /	DEF AT - - - -	DEF AT 1
4450 /	DEF AT sample gap top	POS AT 1
5890 /	DEF AT sample gap bottom	DEF AT 1
5950 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
6880 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 1
7750 /	DEF AT non-marine sediment	DEF AT 0
7751 /	DEF AT - - - -	DEF AT 1
9250 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 1
9790 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
9970 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 1
10030 /	DEF AT - - - -	DEF AT 2
10480 /	POS AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 2
11140 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 2
12610 /	DEF AT - - - -	DEF AT 3
13870 /	DEF AT Lower Miocene (Aquitanian) Lenticulina jeffersonensis	DEF AT 3
14050 /	DEF AT - - - -	DEF AT 1
14710 /	POS AT Oligocene	DEF AT 2
15580 /	DEF AT - - - -	DEF AT 1
16210 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 83	Date of Summary: 30-MAY-1980	First Sample Examined: 14055
Lease Number: G03760	Source of Paleo: OPERATOR	Borehole MD: 16210
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16210
API Well Number: 177004037100	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 2 of 2	Sample Range: 14055 - 15540	Water Depth: 37
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, section consists of undifferentiated Oligocene to Lower Miocene

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14055 /	DEF AT first sample examined	DEF AT 1
14056 /	POS IN Lower (Early) Miocene	DEF AT 1
14057 /	POS IN Oligocene	DEF AT 1
14790 /	DEF AT - - - - -	DEF AT 2
15300 /	DEF AT - - - - -	DEF AT 1
15540 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 92	Date of Summary: 11-DEC-1981	First Sample Examined: 0
Lease Number: G03960	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177004048900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9520 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 94	Date of Summary: 21-NOV-1983	First Sample Examined: 11981
Lease Number: G04749	Source of Paleo: OPERATOR	Borehole MD: 15694
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 15674
API Well Number: 177004063300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 11981 - 15700	Water Depth: 41
Public Info Code: Y 31-AUG-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11981 / 11980	DEF AT first sample examined	DEF AT
14500 / 14491	DEF IN Lower Miocene (Aquitanian) Siphonina davis	DEF AT
15700 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 95	Date of Summary: 22-JUL-1973	First Sample Examined: 0
Lease Number: G01994	Source of Paleo: OPERATOR	Borehole MD: 14020
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14020
API Well Number: 177002009800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6350 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8450 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
11450 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
13400 /	DEF AT local marker deep water fauna	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 95	Date of Summary: 20-JUN-1976	First Sample Examined: 0
Lease Number: G01994	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14020
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14020
API Well Number: 177002009800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 002

Remark: Paleo determined by log correlation

MD / TVD	Paleo Top Description	Ecozone
6500 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8000 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9000 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9500 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12000 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 95	Date of Summary: 11-DEC-1973	First Sample Examined: 0
Lease Number: G01994	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177004002800	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5990 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
6230 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7820 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8840 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10520 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11820 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 95	Date of Summary: 02-JAN-1974	First Sample Examined: 0
Lease Number: G01994	Source of Paleo: OPERATOR	Borehole MD: 10600
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10600
API Well Number: 177002010300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7700 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8500 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10500 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 96	Date of Summary: 13-AUG-1980	First Sample Examined: 7000
Lease Number: G04192	Source of Paleo: OPERATOR	Borehole MD: 15300
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15300
API Well Number: 177004043200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 7000 - 15282	Water Depth: 40
Public Info Code: Y 01-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7000 /	DEF AT first sample examined	DEF AT
8090 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8625 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10770 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12180 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
15282 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 96	Date of Summary: 03-APR-1981	First Sample Examined: 10080
Lease Number: G04192	Source of Paleo: OPERATOR	Borehole MD: 18000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 17987
API Well Number: 177004046000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 10080 - 18000	Water Depth: 41
Public Info Code: Y 01-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10080 /	DEF AT first sample examined	DEF AT
10500 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
16800 /	DEF IN Lower Miocene (Aquitanian) Siphonina davisii	DEF AT
18000 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 96	Date of Summary: 08-MAY-1985	First Sample Examined: 0
Lease Number: G04192	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16742
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 16742
API Well Number: 177004068100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 38
Public Info Code: Y 01-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11747 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
15228 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 98	Date of Summary: 14-JUN-1978	First Sample Examined: 7980
Lease Number: G03261	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16020
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 16020
API Well Number: 177004020300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 118
Paleo Report Num: 1 of 1	Sample Range: 7980 - 15990	Water Depth: 38
Public Info Code: Y 31-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7980 /	DEF AT first sample examined	DEF AT 3
7981 /	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
8040 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
8370 /	DEF AT pyrite	DEF AT 2
8580 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
9450 /	DEF AT local marker foram decrease	DEF AT 2
10770 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 2
10830 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF IN 2
11100 /	DEF AT local marker benthic foram increase	DEF AT 3
12270 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
12870 /	DEF AT Lower Miocene (Burdigalian) Gyroidina 8	DEF AT 4
13380 /	DEF AT local marker foram decrease	DEF AT 4
13440 /	DEF AT local marker benthic foram increase	DEF AT 4
14550 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
15330 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
15390 /	DEF AT local marker foram decrease	DEF AT 4
15480 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT 5
15990 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 101	Date of Summary: 16-FEB-1990	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16100
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 15622
API Well Number: 177004023400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8958 / 8792	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
12970 / 12642	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 102	Date of Summary: 16-MAY-1973	First Sample Examined: 0
Lease Number: 00247	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17770
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 17770
API Well Number: 177004008600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 39
Public Info Code: Y 06-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12936 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
17352 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT
17770 /	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 103	Date of Summary: 19-JAN-1982	First Sample Examined: 9860
Lease Number: G03379	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177004050900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 3	Sample Range: 9860 - 13245	Water Depth: 38
Public Info Code: Y 12-APR-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9860 /	DEF AT first sample examined	DEF AT
9950 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10820 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11630 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12499 /	POS AT reworked material	DEF AT
12500 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
13245 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 103	Date of Summary: 19-JAN-1982	First Sample Examined: 9860
Lease Number: G03379	Source of Paleo: OPERATOR	Borehole MD: 15000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15000
API Well Number: 177004050900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 3	Sample Range: 9860 - 13245	Water Depth: 38
Public Info Code: Y 12-APR-1982	Ecozone Eq MMS:	Paleo ID: 004

Remark: Calcareous nannofossil report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9860 /	DEF AT first sample examined	DEF AT
10310 /	DEF AT local marker floral increase	DEF AT
11600 /	DEF AT Lower Miocene (Burdigalian) Reticulofenestra gartneri	DEF AT
12260 /	DEF AT local marker floral increase	DEF AT
12620 /	DEF AT local marker floral increase	DEF AT
13245 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 103	Date of Summary: 20-NOV-1984	First Sample Examined: 9860
Lease Number: G03379	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15000
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15000
API Well Number: 177004050900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 3 of 3	Sample Range: 9860 - 13245	Water Depth: 38
Public Info Code: Y 12-APR-1982	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
9860 /	DEF AT first sample examined	POS AT 2
9950 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
9980 /	DEF AT sample gap top	POS AT 2
10040 /	DEF AT sample gap bottom	DEF AT 2
10700 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
10940 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11630 /	DEF AT local marker benthic foram increase	DEF AT 2
11660 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12500 /	DEF AT local marker benthic foram increase	DEF AT 3
13040 /	DEF AT local marker foram decrease	DEF AT 2
13245 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 104	Date of Summary: 05-OCT-1974	First Sample Examined: 960
Lease Number: G02533	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18072
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 18072
API Well Number: 177004011500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 960 - 13864	Water Depth: 40
Public Info Code: Y 28-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
960 /	DEF AT first sample examined	DEF AT
1980 /	DEF AT shell fragments	DEF AT
3450 /	DEF AT shell fragments	DEF AT
3630 /	DEF AT local marker (general)	POS AT 1
4230 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
4470 /	DEF AT pyrite	DEF AT 2
5010 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5100 /	DEF AT pyrite	DEF AT 2
5520 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5790 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
5791 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 2
6060 /	DEF AT Upper Miocene (Tortonian) Robulus 15	DEF AT 2
6300 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6540 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7380 /	DEF AT local marker benthic foram increase	DEF AT 3
7410 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7860 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
7890 /	POS IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 2
8100 /	POS IN Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 2
8310 /	POS AT local marker foram decrease	DEF IN 2
8720 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8930 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 104	Date of Summary: 05-OCT-1974	First Sample Examined: 960
Lease Number: G02533	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18072
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 18072
API Well Number: 177004011500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 960 - 13864	Water Depth: 40
Public Info Code: Y 28-FEB-1980	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8960 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 2
9080 /	DEF AT sand	DEF AT 2
9320 /	POS AT local marker foram increase	DEF IN 2
9740 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF IN 2
9800 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9980 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
10490 /	DEF AT faunal change (no faunal increase)	DEF IN 2
10790 /	POS AT local marker benthic foram increase	DEF IN 2
11270 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
11720 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 3
11750 /	DEF AT local marker foram decrease	DEF AT 3
12140 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
12170 /	DEF AT local marker foram increase	DEF AT 3
12710 /	DEF AT local marker foram decrease	DEF AT 3
13610 /	POS AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
13670 /	DEF AT local marker foram decrease	DEF AT 3
13864 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 107	Date of Summary: 25-APR-1983	First Sample Examined: 5000
Lease Number: G03492	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 20000
API Well Number: 177004039000	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 125
Paleo Report Num: 1 of 1	Sample Range: 5000 - 20000	Water Depth: 42
Public Info Code: Y 15-FEB-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT 2
5001 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5300 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5700 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
6100 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
6500 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
7000 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
7500 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 2
9300 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 2
9500 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 2
10240 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
11110 /	DEF AT Lower Miocene (Burdigalian) Saracenaria sp. / "D"	DEF AT 2
11800 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
12340 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
13960 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
14200 /	DEF IN Lower Miocene (Burdigalian) Cristellaria "A"	DEF AT 3
14380 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
18880 /	DEF AT poor sample interval top	DEF AT 3
19979 /	DEF AT poor sample interval bottom	DEF AT 3
19980 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 107	Date of Summary: 08-JUN-1983	First Sample Examined: 11770
Lease Number: G03492	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20148
Well Name: 002	Paleo Done By: ED COTTON	Borehole TVD: 20148
API Well Number: 177004054200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 11770 - 20148	Water Depth: 42
Public Info Code: Y 15-FEB-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11770 /	DEF AT first sample examined	DEF AT 2
11771 /	DEF IN Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 2
12040 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 2
12070 /	DEF AT sample gap top	POS AT 2
12370 /	DEF AT sample gap bottom	DEF AT 2
14200 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 2
14860 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 2
15700 /	DEF AT poor sample interval top	DEF AT 2
19029 /	DEF AT poor sample interval bottom	DEF AT 2
19030 /	DEF AT Lower Miocene (Aquitanian) Planulina palmerae	DEF AT 4
19800 /	DEF AT Bathysiphon fauna	DEF AT 4
20130 /	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
20148 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 108	Date of Summary: 29-MAY-1978	First Sample Examined: 4500
Lease Number: G03493	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 19000
API Well Number: 177004027300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 4500 - 19000	Water Depth: 40
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF IN 2
4680 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
5190 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
5760 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6060 /	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
6150 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
6540 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6570 /	DEF AT local marker foram decrease	DEF AT 3
7290 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7650 /	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
7770 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
7860 /	DEF AT local marker foram decrease	DEF AT 3
8610 /	DEF AT local marker benthic foram increase	DEF IN 3
8640 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF IN 3
8790 /	DEF AT Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 3
8910 /	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 3
9060 /	DEF AT local marker foram increase	POS AT 4
9180 /	DEF AT local marker planktic foram increase	DEF AT 4
9360 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9840 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 4
9990 /	DEF AT local marker foram decrease	DEF IN 3
10170 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 108	Date of Summary: 29-MAY-1978	First Sample Examined: 4500
Lease Number: G03493	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 19000
API Well Number: 177004027300	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 4500 - 19000	Water Depth: 40
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10560 /	DEF AT local marker foram decrease	DEF IN 3
10830 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
11700 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
12630 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13650 /	DEF AT local marker foram decrease	DEF AT 4
14040 /	POS AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
14280 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 4
14730 /	DEF AT Lower Miocene (Burdigalian) Siphogenerina fredsmithi	DEF AT 4
18210 /	DEF AT Lower Miocene (Aquitanian) Globigerinoides primordius	DEF IN 4
18670 /	DEF IN Lower Miocene (Aquitanian) Globigerinoides primordius	DEF AT 5
19000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 110	Date of Summary: 19-SEP-1997	First Sample Examined: 0
Lease Number: 00081	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14027
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14027
API Well Number: 177000013800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 08-FEB-1971	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
4968 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
6305 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
7730 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT
8004 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
10046 /	DEF AT local marker deep water fauna	DEF AT
10449 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
11738 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 110	Date of Summary: 01-JUN-1965	First Sample Examined: 3480
Lease Number: 00081	Source of Paleo: OPERATOR	Borehole MD: 10626
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10623
API Well Number: 177000013100	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 53
Paleo Report Num: 1 of 3	Sample Range: 3480 - 10630	Water Depth: 54
Public Info Code: Y 23-MAY-1964	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3480 /	DEF AT first sample examined	DEF AT
4170 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
4230 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
4690 /	DEF AT local marker benthic foram increase	DEF AT
6480 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
6600 /	DEF AT local marker benthic foram increase	DEF AT
7510 /	DEF AT local marker benthic foram increase	DEF AT
7630 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
7810 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10049 /	DEF AT foram flood	DEF AT
10050 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
10630 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 111	Date of Summary: 09-JAN-1986	First Sample Examined: 0
Lease Number: G04751	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8715
API Well Number: 177004070400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 43
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5150 / 5149	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT
6340 / 6293	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8175 / 7724	DEF IN Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 118	Date of Summary: 21-FEB-1975	First Sample Examined: 0
Lease Number: 00757	Source of Paleo: OPERATOR	Borehole MD: 9136
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 9136
API Well Number: 177004006300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 02-AUG-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6050 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8146 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 131	Date of Summary: 02-MAY-1967	First Sample Examined: 0
Lease Number: 00250	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10814
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10814
API Well Number: 177000032100	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 30
Public Info Code: Y 20-APR-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8000 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
8990 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9545 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
9868 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 131	Date of Summary: 14-SEP-1968	First Sample Examined: 7884
Lease Number: 00250	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177000038400	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 7884 - 14500	Water Depth: 35
Public Info Code: Y 20-APR-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7884 /	DEF AT first sample examined	DEF AT
7885 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
8909 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
10470 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12236 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
14500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 134	Date of Summary: 24-AUG-1977	First Sample Examined: 0
Lease Number: G03380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11900
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11898
API Well Number: 177004024100	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 19-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5020 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5440 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9280 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9400 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
10200 /	POS AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 134	Date of Summary: 30-NOV-1977	First Sample Examined: 0
Lease Number: G03380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12465
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11866
API Well Number: 177004026800	Drilling Operator: TEXASGULF MINERALS AND METALS, INCORPORATE	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 42
Public Info Code: Y 19-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4480 / 4480	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5200 / 5199	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
5560 / 5559	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6520 / 6517	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8920 / 8912	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11320 / 10994	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 134	Date of Summary: 14-JAN-1983	First Sample Examined: 0
Lease Number: G03380	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13035
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 13008
API Well Number: 177004051300	Drilling Operator: TOMLINSON OFFSHORE INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 19-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 / 7980	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8460 / 8460	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9000 / 9000	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
9690 / 9689	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 135	Date of Summary: 01-MAR-1982	First Sample Examined: 1000
Lease Number: G01470	Source of Paleo: OPERATOR	Borehole MD: 13020
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13020
API Well Number: 177004051000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13010	Water Depth: 42
Public Info Code: Y 01-OCT-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 2
4520 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5030 /	DEF AT - - - - -	DEF AT 2
5360 /	DEF IN Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
5860 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6110 /	DEF AT sample gap top	POS AT 3
6370 /	DEF AT sample gap bottom	DEF AT 3
6590 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
6710 /	DEF AT sample gap top	POS AT 3
7120 /	DEF AT sample gap bottom	DEF AT 3
7269 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
7270 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7510 /	DEF AT - - - - -	DEF AT 4
7590 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
7591 /	DEF AT deepwater facies Harang	DEF AT 4
7740 /	DEF AT - - - - -	DEF AT 3
8700 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
8950 /	DEF AT - - - - -	DEF AT 4
9270 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
9310 /	DEF AT - - - - -	DEF AT 3
9520 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10085 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 135	Date of Summary: 01-MAR-1982	First Sample Examined: 1000
Lease Number: G01470	Source of Paleo: OPERATOR	Borehole MD: 13020
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13020
API Well Number: 177004051000	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13010	Water Depth: 42
Public Info Code: Y 01-OCT-1987	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11360 /	DEF AT sample gap top	POS AT 3
11980 /	DEF AT sample gap bottom	DEF AT 3
12540 /	DEF AT - - - - -	DEF AT 4
12600 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 4
13010 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 146	Date of Summary: 25-MAY-1974	First Sample Examined: 0
Lease Number: G01996	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10912
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10912
API Well Number: 177004001100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 45
Public Info Code: Y 26-JUN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo determined by log correlation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
6500 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8000 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8500 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9000 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 147	Date of Summary: 25-AUG-1976	First Sample Examined: 0
Lease Number: G02830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15500
API Well Number: 177004017400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 /	DEF AT first sample examined	DEF IN 2
4150 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5310 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5400 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
6030 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6780 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7470 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7620 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8400 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9780 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10470 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
15500 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 147	Date of Summary: 16-JAN-1979	First Sample Examined: 0
Lease Number: G02830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9708
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9708
API Well Number: 177004034800	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4990 /	DEF AT - - - - -	DEF AT 2
5590 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5860 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6220 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7150 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
8080 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9010 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 147	Date of Summary: 24-AUG-1979	First Sample Examined: 0
Lease Number: G02830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11150
API Well Number: 177004036300	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 / 3725	DEF AT - - - - -	DEF AT 3
3980 / 3896	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
4460 / 4373	DEF AT - - - - -	DEF AT 2
5480 / 5393	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6140 / 6045	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6730 / 6614	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7120 / 6977	DEF AT - - - - -	DEF AT 3
8520 / 8057	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
9270 / 8585	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
9330 / 8627	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10290 / 9350	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11010 / 9900	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 147	Date of Summary: 05-DEC-1980	First Sample Examined: 0
Lease Number: G02830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16507
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 16507
API Well Number: 177004036400	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5010 /	DEF AT - - - - -	DEF AT 2
5490 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6240 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7080 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
7380 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
7680 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8550 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
9790 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
10660 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 147	Date of Summary: 01-OCT-1981	First Sample Examined: 0
Lease Number: G02830	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11030
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 10399
API Well Number: 177004048100	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 33
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7500 / 7077	DEF AT - - - - -	DEF AT 3
8070 / 7619	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8820 / 8327	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10110 / 9529	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
10320 / 9727	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 148	Date of Summary: 20-JUL-1982	First Sample Examined: 7810
Lease Number: G04755	Source of Paleo: OPERATOR	Borehole MD: 15500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15482
API Well Number: 177004053200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 7810 - 15490	Water Depth: 35
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7810 / 7808	DEF AT first sample examined	POS AT 3
7811 / 7809	DEF IN Upper Miocene (Tortonian) Bigenerina "B"	POS AT 3
8020 / 8018	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
8260 / 8258	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8770 / 8768	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10130 / 10128	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
10900 / 10898	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
10960 / 10958	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
11260 / 11257	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
14470 / 14458	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 3
14740 / 14727	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT 3
15130 / 15114	DEF AT - - - -	DEF AT 4
15310 / 15293	DEF AT - - - -	DEF AT 5
15490 / 15473	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 149	Date of Summary: 20-JUN-1969	First Sample Examined: 5999
Lease Number: 00253	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17250
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 17250
API Well Number: 177000036300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 5999 - 17250	Water Depth: 40
Public Info Code: Y 18-MAR-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5999 /	DEF AT first sample examined	DEF AT 2
6000 /	DEF IN local marker benthic foram increase	DEF AT 2
6534 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
6818 /	DEF AT glauconite	DEF AT 2
6848 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
6849 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
7138 /	DEF IN Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
7139 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
7227 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
7259 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 4
8297 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 4
8502 /	DEF AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 4
8753 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 4
9067 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
9766 /	DEF AT sample gap top	POS AT 4
10422 /	DEF AT sample gap bottom	DEF AT 4
10423 /	POS AT Lower Miocene (Burdigalian) Camerina 1	DEF AT 4
11145 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
12085 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
12329 /	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
14483 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	DEF AT 5
15676 /	DEF AT Lower Miocene (Aquitanean) Siphonina davisii	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 149	Date of Summary: 20-JUN-1969	First Sample Examined: 5999
Lease Number: 00253	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17250
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 17250
API Well Number: 177000036300	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 5999 - 17250	Water Depth: 40
Public Info Code: Y 18-MAR-1970	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
17250 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 149	Date of Summary: 11-AUG-1970	First Sample Examined: 7123
Lease Number: 00253	Source of Paleo: OPERATOR	Borehole MD: 11422
Well Name: D001	Paleo Done By: OPERATOR	Borehole TVD: 11422
API Well Number: 177000016700	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 7123 - 11422	Water Depth: 40
Public Info Code: Y 05-FEB-1971	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7123 /	DEF AT first sample examined	DEF AT
7124 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT
7614 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8865 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT
11422 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 150	Date of Summary: 07-JUL-1970	First Sample Examined: 0
Lease Number: 00254	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12489
Well Name: B004	Paleo Done By: OPERATOR	Borehole TVD: 11571
API Well Number: 177000018900	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 58
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 29-APR-1966	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8052 / 7523	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10230 / 9512	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 157	Date of Summary: 07-NOV-1983	First Sample Examined: 0
Lease Number: G04394	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 18578
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 18498
API Well Number: 177014012200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 32
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10650 / 10649	DEF AT Lower Miocene (Burdigalian) Robulus chambersi	DEF AT
12060 / 12059	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT
14850 / 14846	DEF AT Lower Miocene (Aquitanian) Siphonina davisii	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 161	Date of Summary: 25-SEP-1981	First Sample Examined: 0
Lease Number: G04088	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14830
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14830
API Well Number: 177014009600	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 41
Public Info Code: Y 30-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
5400 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
6600 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8700 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
12800 /	DEF AT Lower Miocene (Burdigalian) Marginulina ascensionensis / "A"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 163	Date of Summary: 18-MAY-1970	First Sample Examined: 7320
Lease Number: 00750	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9000
API Well Number: 177012000000	Drilling Operator: C & K MARINE PRODUCTION COMPAN	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 7320 - 9000	Water Depth: 34
Public Info Code: Y 12-AUG-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7320 /	DEF AT first sample examined	DEF AT
7345 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
7540 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8515 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
8801 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
9000 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 164	Date of Summary: 09-AUG-1984	First Sample Examined: 0
Lease Number: G04089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11986
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11417
API Well Number: 177014014800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 21-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7750 / 7445	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
8140 / 7804	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
8590 / 8215	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
8920 / 8521	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10570 / 10074	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT
10960 / 10443	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 165	Date of Summary: 20-NOV-1970	First Sample Examined: 0
Lease Number: 00758	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11153
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 11153
API Well Number: 177002005100	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 57
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 49
Public Info Code: Y 23-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10210 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 166	Date of Summary: 23-JUN-1982	First Sample Examined: 1630
Lease Number: G04389	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16980
API Well Number: 177004051100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1630 - 17000	Water Depth: 48
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1630 /	DEF AT first sample examined	DEF AT 2
3520 /	DEF AT cement	POS AT 2
3730 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4960 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5200 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
5440 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
6040 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
6520 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
7480 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
7900 /	DEF AT - - - - -	DEF AT 5
7959 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
7960 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 5
8080 /	DEF AT - - - - -	DEF AT 4
8170 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 4
8290 /	DEF AT - - - - -	DEF AT 5
8500 /	DEF AT - - - - -	DEF AT 4
10300 /	DEF AT - - - - -	DEF AT 5
10360 /	DEF AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 5
10600 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 5
10750 /	DEF AT - - - - -	DEF AT 4
11350 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 5
11890 /	DEF AT - - - - -	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 166	Date of Summary: 23-JUN-1982	First Sample Examined: 1630
Lease Number: G04389	Source of Paleo: OPERATOR	Borehole MD: 17000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16980
API Well Number: 177004051100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1630 - 17000	Water Depth: 48
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14620 /	POS AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
14860 /	DEF IN Lower Miocene (Burdigalian) Robulus chambersi	DEF AT 5
14950 /	DEF AT - - - - -	DEF AT 4
15250 /	DEF AT sample gap top	POS AT 4
15550 /	DEF AT sample gap bottom	DEF AT 5
16090 /	DEF AT local marker deep water fauna	DEF AT 7
17000 /	DEF AT last sample examined	DEF AT 7

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 168	Date of Summary: 11-AUG-1970	First Sample Examined: 9038
Lease Number: 00253	Source of Paleo: OPERATOR	Borehole MD: 11015
Well Name: C005	Paleo Done By: OPERATOR	Borehole TVD: 10312
API Well Number: 177000016600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 9038 - 11015	Water Depth: 40
Public Info Code: Y 16-NOV-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9038 / 8433	DEF AT first sample examined	DEF AT
9039 / 8434	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9565 / 8931	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11015 / 10311	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 168	Date of Summary: 16-JUN-1964	First Sample Examined: 0
Lease Number: 00467	Source of Paleo: OPERATOR	Borehole MD: 13485
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 13485
API Well Number: 177000016200	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 69
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 40
Public Info Code: Y 30-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5664 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT
8586 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9011 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 171	Date of Summary: 16-AUG-1971	First Sample Examined: 8010
Lease Number: G01997	Source of Paleo: OPERATOR	Borehole MD: 12054
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12054
API Well Number: 177004002000	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 52
Paleo Report Num: 1 of 1	Sample Range: 8010 - 12040	Water Depth: 44
Public Info Code: Y 15-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8010 /	DEF AT first sample examined	DEF IN 2
8340 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8670 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8910 /	DEF AT - - - - -	DEF AT 4
11090 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
12040 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 171	Date of Summary: 19-OCT-1971	First Sample Examined: 8310
Lease Number: G01997	Source of Paleo: OPERATOR	Borehole MD: 11450
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11450
API Well Number: 177004003100	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 55
Paleo Report Num: 1 of 1	Sample Range: 8310 - 11440	Water Depth: 44
Public Info Code: Y 11-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
8310 /	DEF AT first sample examined	DEF AT 3
8311 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8640 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8990 /	DEF AT - - - - -	DEF AT 4
10810 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
11440 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 171	Date of Summary: 11-JUN-1971	First Sample Examined: 792
Lease Number: G01997	Source of Paleo: OPERATOR	Borehole MD: 14510
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14503
API Well Number: 177004000600	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 792 - 14510	Water Depth: 44
Public Info Code: Y 06-JUL-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
792 /	DEF AT first sample examined	DEF AT 1
2410 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 1
3770 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5270 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
5900 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
6440 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
7040 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
8239 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
8240 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8539 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8540 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8780 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
8810 /	DEF AT - - - - -	DEF AT 4
9890 /	DEF AT local marker deep water fauna	DEF AT 4
10340 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
11150 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
13280 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 4
13310 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	DEF AT 4
13460 /	DEF AT local marker benthic foram increase	DEF AT 4
14390 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
14510 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 171	Date of Summary: 24-MAR-1972	First Sample Examined: 7450
Lease Number: G01997	Source of Paleo: OPERATOR	Borehole MD: 12510
Well Name: B001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12510
API Well Number: 177004004800	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 7450 - 12510	Water Depth: 39
Public Info Code: Y 16-APR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7450 /	DEF AT first sample examined	POS AT 3
8470 /	DEF AT - - - - -	DEF AT 3
8590 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9100 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9640 /	DEF AT - - - - -	DEF AT 4
11730 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 4
12510 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 171	Date of Summary: 25-FEB-1972	First Sample Examined: 9020
Lease Number: G01997	Source of Paleo: OPERATOR	Borehole MD: 12352
Well Name: C001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11538
API Well Number: 177004004001	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 53
Paleo Report Num: 1 of 1	Sample Range: 9020 - 12352	Water Depth: 45
Public Info Code: Y 06-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9020 / 8528	DEF AT first sample examined	DEF AT 3
9021 / 8529	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9620 / 9052	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12352 / 11540	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 174	Date of Summary: 30-OCT-1978	First Sample Examined: 4640
Lease Number: G03495	Source of Paleo: OPERATOR	Borehole MD: 12677
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12677
API Well Number: 177004029200	Drilling Operator: CONOCO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4640 - 12620	Water Depth: 50
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4640 /	DEF AT first sample examined	DEF AT 1
5750 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
7690 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
8529 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8530 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
8860 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
9800 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
10310 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 2
10760 /	POS AT Middle Miocene (Langhian) Globigerinoides sicanus	DEF AT 3
11150 /	POS AT Middle Miocene (Langhian) Globigerinatella insueta	DEF AT 3
11270 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
11720 /	DEF IN Lower Miocene (Burdigalian) Robulus 54B	DEF AT 2
12620 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 194	Date of Summary: 18-NOV-1981	First Sample Examined: 300
Lease Number: 00193	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177004049300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 300 - 14500	Water Depth: 58
Public Info Code: Y 20-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
300 /	DEF AT first sample examined	POS AT 1
6000 /	DEF AT -----	DEF AT 1
6600 /	DEF AT -----	DEF AT 2
6660 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6810 /	DEF AT -----	DEF AT 1
7110 /	DEF AT -----	DEF AT 2
7200 /	POS AT -----	DEF AT 1
7740 /	DEF AT -----	DEF AT 2
7770 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8130 /	DEF AT Cyclammina sp. (local marker)	DEF AT 2
8580 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9180 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
10080 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
11280 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
11400 /	DEF AT deepwater facies Cyclammina	DEF AT 3
11700 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11730 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11880 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
12120 /	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12360 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13440 /	POS AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
14160 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 194	Date of Summary: 18-NOV-1981	First Sample Examined: 300
Lease Number: 00193	Source of Paleo: OPERATOR	Borehole MD: 14500
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 14500
API Well Number: 177004049300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 300 - 14500	Water Depth: 58
Public Info Code: Y 20-FEB-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14500 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 197	Date of Summary: 19-NOV-1976	First Sample Examined: 4510
Lease Number: G03264	Source of Paleo: OPERATOR	Borehole MD: 13980
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13961
API Well Number: 177004018500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 115
Paleo Report Num: 1 of 2	Sample Range: 4510 - 13980	Water Depth: 58
Public Info Code: Y 18-SEP-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 / 4510	DEF AT first sample examined	DEF IN 2
5290 / 5290	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
6580 / 6580	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
6670 / 6670	DEF AT - - - - -	DEF AT 3
8230 / 8230	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8830 / 8830	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
9580 / 9580	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
11160 / 11157	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11940 / 11936	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12600 / 12589	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13980 / 13961	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 197	Date of Summary: 25-JUN-1978	First Sample Examined: 4510
Lease Number: G03264	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13980
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 13961
API Well Number: 177004018500	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 115
Paleo Report Num: 2 of 2	Sample Range: 4510 - 13800	Water Depth: 58
Public Info Code: Y 18-SEP-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4510 / 4510	DEF AT first sample examined	POS AT 2
4900 / 4900	DEF AT faunal change (no faunal increase)	DEF AT 2
6130 / 6130	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
6670 / 6670	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 3
7240 / 7240	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7450 / 7450	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
7510 / 7510	DEF AT local marker foram decrease	DEF IN 2
7540 / 7540	DEF AT local marker planktic foram increase	DEF AT 3
7570 / 7570	DEF AT local marker foram decrease	DEF IN 2
7600 / 7600	DEF AT local marker planktic foram increase	DEF AT 3
8230 / 8230	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
11160 / 11157	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11190 / 11187	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 2
11940 / 11936	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 2
12240 / 12234	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 2
12660 / 12648	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
12840 / 12826	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 2
13410 / 13392	DEF AT local marker foram decrease	DEF AT 2
13770 / 13751	DEF AT local marker foram increase	DEF AT 2
13800 / 13781	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 198	Date of Summary: 12-JUN-1980	First Sample Examined: 4500
Lease Number: G03265	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14589
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 13692
API Well Number: 177004020000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 4500 - 10780	Water Depth: 57
Public Info Code: Y 24-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 / 4500	DEF AT first sample examined	DEF AT 2
5280 / 5277	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5760 / 5736	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6450 / 6371	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7210 / 7081	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 2
7600 / 7436	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7870 / 7682	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8170 / 7958	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
8230 / 8013	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
8530 / 8292	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 2
8710 / 8459	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 2
8920 / 8651	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
9070 / 8785	DEF AT Cyclammina cancellata (local marker)	DEF AT 2
9850 / 9473	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9910 / 9526	DEF AT Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 2
10780 / 10309	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 198	Date of Summary: 12-JUN-1980	First Sample Examined: 10780
Lease Number: G03265	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14589
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 13692
API Well Number: 177004020000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 10780 - 14560	Water Depth: 57
Public Info Code: Y 24-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
10780 / 10309	DEF AT first sample examined	DEF AT 2
10781 / 10309	DEF IN Upper Miocene (Tortonian) Globorotalia siakensis	DEF AT 2
10960 / 10469	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 2
11200 / 10680	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
12130 / 11492	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
12340 / 11677	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
12759 / 12045	DEF IN Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF IN 3
12760 / 12046	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 3
13090 / 12338	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
13120 / 12365	POS AT out-of-place section	DEF AT 4
13660 / 12841	DEF IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 4
14380 / 13496	POS AT drilling material	DEF AT 4
14560 / 13667	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 205	Date of Summary: 25-APR-1977	First Sample Examined: 880
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16085
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16085
API Well Number: 177004019500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 880 - 16087	Water Depth: 58
Public Info Code: Y 20-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
880 /	DEF AT first sample examined	DEF AT 1
1120 /	DEF AT non-marine sediment	DEF AT 0
1360 /	DEF AT non-marine sediment	DEF IN 0
1840 /	DEF AT non-marine sediment	DEF AT 0
3512 /	DEF AT - - - - -	DEF AT 1
3630 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4320 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4560 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5280 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	POS AT 2
5400 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5490 /	DEF AT - - - - -	DEF AT 1
6090 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6330 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 1
6810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
7320 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
7890 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8100 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8400 /	DEF AT local marker benthic foram increase	DEF AT 2
9180 /	DEF AT - - - - -	DEF AT 3
9270 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
9300 /	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
9630 /	DEF AT - - - - -	DEF AT 2

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UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 205	Date of Summary: 25-APR-1977	First Sample Examined: 880
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16085
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16085
API Well Number: 177004019500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 880 - 16087	Water Depth: 58
Public Info Code: Y 20-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9810 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 2
9900 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
10080 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
10230 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10410 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10590 /	DEF AT - - - - -	DEF AT 2
10680 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
10740 /	DEF AT - - - - -	DEF AT 2
10920 /	DEF AT - - - - -	DEF AT 3
10950 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT 3
11070 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
11190 /	DEF IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
11220 /	DEF AT - - - - -	DEF AT 2
11280 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11490 /	DEF AT local marker benthic foram increase	DEF AT 3
11640 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
11760 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12480 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
12720 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13500 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
13530 /	DEF AT - - - - -	DEF AT 2
13620 /	DEF AT - - - - -	DEF AT 3
13780 /	POS AT Middle Miocene (Langhian) Amphistegina "B"	DEF AT 3
14080 /	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 205	Date of Summary: 25-APR-1977	First Sample Examined: 880
Lease Number: G02832	Source of Paleo: OPERATOR	Borehole MD: 16085
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16085
API Well Number: 177004019500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 77
Paleo Report Num: 1 of 2	Sample Range: 880 - 16087	Water Depth: 58
Public Info Code: Y 20-MAY-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
14170 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
14530 /	DEF AT Middle Miocene (Langhian) Cibicides 38	DEF AT 3
15760 /	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT 3
15790 /	DEF AT -----	DEF AT 2
16060 /	DEF AT -----	DEF AT 3
16087 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 205	Date of Summary: 23-MAY-1984	First Sample Examined: 880
Lease Number: G02832	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16085
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 16085
API Well Number: 177004019500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 77
Paleo Report Num: 2 of 2	Sample Range: 880 - 16087	Water Depth: 58
Public Info Code: Y 20-MAY-1979	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
880 /	DEF AT first sample examined	POS IN 1
3512 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 2
4500 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5310 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6420 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6810 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7230 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
8100 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9030 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
10050 /	DEF IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
11100 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11460 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12720 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
14170 /	DEF AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
16060 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 214	Date of Summary: 27-MAR-1985	First Sample Examined: 0
Lease Number: G04086	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 16583
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16467
API Well Number: 177004067200	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 55
Public Info Code: Y 25-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4880 / 4880	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5570 / 5570	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
7130 / 7130	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
7460 / 7460	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7940 / 7940	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
8090 / 8090	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
9050 / 9050	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
9530 / 9530	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
10010 / 10009	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT
10970 / 10969	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
13250 / 13240	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
13880 / 13851	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
14000 / 13966	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
15140 / 15067	DEF IN Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 217	Date of Summary: 12-DEC-1978	First Sample Examined: 180
Lease Number: G03266	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177004034000	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 180 - 10000	Water Depth: 51
Public Info Code: Y 17-APR-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
180 / 180	DEF AT first sample examined	DEF AT
2160 / 2160	DEF AT non-marine sediment	DEF AT 0
3800 / 3800	DEF AT - - - -	DEF IN 1
4550 /	DEF AT cement	DEF AT 1
4580 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4700 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5390 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 1
6110 /	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 1
8000 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 1
8420 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 1
9080 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 1
9800 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 1
10000 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 217	Date of Summary: 13-OCT-1980	First Sample Examined: 4630
Lease Number: G03266	Source of Paleo: OPERATOR	Borehole MD: 10590
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8912
API Well Number: 177004044500	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4630 - 10570	Water Depth: 51
Public Info Code: Y 17-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4630 / 4629	DEF AT first sample examined	DEF AT 2
4720 / 4719	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4900 / 4899	DEF AT faunal change (no faunal increase)	DEF AT 2
5530 / 5515	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5830 / 5801	DEF AT faunal change (no faunal increase)	DEF AT 2
7090 / 6906	DEF AT faunal change (no faunal increase)	DEF AT 3
7120 / 6928	DEF AT faunal change (no faunal increase)	DEF AT 2
7210 / 6992	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7730 / 7292	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8890 / 7918	DEF AT faunal change (no faunal increase)	DEF AT 4
9009 / 7984	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
9010 / 7984	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
9220 / 8100	DEF AT local marker foram increase	DEF AT 4
9580 / 8304	DEF AT faunal change (no faunal increase)	DEF AT 3
10180 / 8656	DEF AT faunal change (no faunal increase)	DEF AT 4
10210 / 8675	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10570 / 8899	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 217	Date of Summary: 17-FEB-1981	First Sample Examined: 3800
Lease Number: G03266	Source of Paleo: OPERATOR	Borehole MD: 11803
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11803
API Well Number: 177004046300	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3800 - 11810	Water Depth: 51
Public Info Code: Y 17-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 /	DEF AT first sample examined	DEF AT 2
4640 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4700 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5420 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
5540 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6650 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7010 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7550 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8209 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
8210 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8600 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8900 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9800 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10280 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
10550 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11810 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 227	Date of Summary: 27-MAR-1978	First Sample Examined: 1000
Lease Number: G03497	Source of Paleo: OPERATOR	Borehole MD: 12385
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11461
API Well Number: 177004027800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12380	Water Depth: 56
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 0
1001 / 1001	DEF AT non-marine sediment	DEF AT 0
1060 / 1060	DEF AT non-marine sediment	DEF AT 0
1061 / 1061	DEF AT - - - - -	DEF AT 1
1360 / 1360	DEF AT non-marine sediment	DEF AT 0
1600 / 1600	DEF AT - - - - -	DEF AT 1
1900 / 1900	DEF AT non-marine sediment	DEF AT 0
1901 / 1901	DEF AT - - - - -	DEF AT 1
2080 / 2080	DEF AT non-marine sediment	DEF AT 0
2200 / 2200	DEF AT - - - - -	DEF AT 1
2320 / 2320	DEF AT non-marine sediment	DEF AT 0
2321 / 2321	DEF AT - - - - -	DEF AT 1
2620 / 2620	DEF AT non-marine sediment	DEF AT 0
3340 / 3340	DEF AT non-marine sediment	DEF AT 0
3341 / 3341	DEF AT - - - - -	DEF AT 1
4040 / 4040	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4760 / 4760	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5420 / 5419	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 1
5450 / 5449	DEF AT - - - - -	DEF AT 2
5480 / 5478	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5900 / 5887	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
6050 / 6027	DEF AT - - - - -	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 227	Date of Summary: 27-MAR-1978	First Sample Examined: 1000
Lease Number: G03497	Source of Paleo: OPERATOR	Borehole MD: 12385
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11461
API Well Number: 177004027800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12380	Water Depth: 56
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6290 / 6244	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
6650 / 6556	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
7070 / 6924	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7160 / 7004	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7430 / 7244	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 2
7490 / 7298	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 2
7970 / 7728	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8000 / 7755	DEF AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 3
8269 / 7999	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
8270 / 8000	DEF AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 3
8330 / 8055	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
8510 / 8222	DEF AT - - - - -	DEF AT 2
8570 / 8277	DEF AT local marker benthic foram increase	DEF AT 2
8660 / 8361	DEF AT - - - - -	DEF AT 3
8750 / 8446	DEF AT - - - - -	DEF AT 2
8960 / 8643	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 2
9200 / 8860	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9560 / 9174	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
9680 / 9274	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
9740 / 9324	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
9890 / 9445	POS AT deepwater facies Cyclammina	DEF AT 3
10039 / 9563	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
10040 / 9564	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10250 / 9731	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 227	Date of Summary: 27-MAR-1978	First Sample Examined: 1000
Lease Number: G03497	Source of Paleo: OPERATOR	Borehole MD: 12385
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11461
API Well Number: 177004027800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 1000 - 12380	Water Depth: 56
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10400 / 9858	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 3
10580 / 10017	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11180 / 10550	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
11430 / 10767	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11870 / 11107	DEF AT - - - - -	DEF IN 3
11960 / 11171	DEF AT deepwater facies Pontchartrain	DEF AT 4
12200 / 11343	DEF AT local marker benthic foram increase	DEF AT 4
12230 / 11365	DEF AT - - - - -	DEF AT 3
12320 / 11429	DEF AT - - - - -	DEF AT 4
12379 / 11471	POS IN Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 4
12380 / 11472	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 227	Date of Summary: 05-JAN-1982	First Sample Examined: 4530
Lease Number: G03497	Source of Paleo: OPERATOR	Borehole MD: 14221
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14221
API Well Number: 177004049500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 150 - 14221	Water Depth: 54
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4530 /	DEF AT first sample examined	DEF AT 1
4740 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 1
4950 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
5520 /	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 1
5700 /	POS IN Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 1
6300 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 1
7410 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7500 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7920 /	DEF AT - - - - -	DEF AT 1
8100 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 1
8200 /	DEF AT - - - - -	DEF AT 2
8280 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
8820 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 2
9840 /	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 2
9900 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
10050 /	DEF AT - - - - -	DEF AT 3
10110 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10230 /	POS AT deepwater facies Cyclammina	DEF AT 3
10470 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
10590 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
10770 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
11460 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 227	Date of Summary: 05-JAN-1982	First Sample Examined: 4530
Lease Number: G03497	Source of Paleo: OPERATOR	Borehole MD: 14221
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 14221
API Well Number: 177004049500	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 150 - 14221	Water Depth: 54
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12420 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT 3
13500 /	DEF AT local marker benthic foram increase	DEF AT 3
14221 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 229	Date of Summary: 02-JUN-1983	First Sample Examined: 11165
Lease Number: G00902	Source of Paleo: OPERATOR	Borehole MD: 16186
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 16186
API Well Number: 177000022900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 70
Paleo Report Num: 2 of 2	Sample Range: 11165 - 13645	Water Depth: 65
Public Info Code: Y 24-SEP-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11165 /	DEF AT first sample examined	DEF AT
11166 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
12136 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT
12871 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
13080 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT
13420 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
13644 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
13645 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 232	Date of Summary: 30-JAN-1979	First Sample Examined: 1230
Lease Number: G03498	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11835
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11835
API Well Number: 177004032600	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1230 - 11820	Water Depth: 42
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 /	DEF AT first sample examined	POS IN
1740 /	DEF AT local marker benthic foram increase	DEF AT 1
4170 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4230 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4560 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
5190 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5910 /	DEF AT local marker benthic foram increase	DEF AT 2
5940 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6450 /	DEF AT pyrite	DEF AT 2
7320 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7380 /	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
7470 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
8850 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9330 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9870 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
10439 /	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
10440 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
10530 /	DEF AT pyrite	DEF AT 4
10890 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
11340 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11820 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 232	Date of Summary: 23-DEC-1983	First Sample Examined: 4500
Lease Number: G05296	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 177004063200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 2	Sample Range: 4500 - 11640	Water Depth: 67
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Calcareous nannofossil report for original hole

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4500 /	DEF AT first sample examined	DEF AT
6090 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
7500 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
10710 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
11220 /	DEF AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
11640 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 232	Date of Summary: 23-DEC-1983	First Sample Examined: 10560
Lease Number: G05296	Source of Paleo: OPERATOR	Borehole MD: 16500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 16500
API Well Number: 177004063200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 10560 - 16500	Water Depth: 67
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report for sidetrack 1

MD / TVD	Paleo Top Description	Ecozone
10560 /	DEF AT first sample examined	DEF AT
11290 /	POS AT reworked material	DEF AT
11291 /	POS AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
11380 /	POS AT Upper Miocene (Tortonian) Discoaster exilis	DEF AT
11740 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
14290 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
15010 /	POS IN Middle Miocene (Serravallian) Cyclicargolithus floridanus	DEF AT
16500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 237	Date of Summary: 18-JAN-1977	First Sample Examined: 2800
Lease Number: G02833	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9975
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9975
API Well Number: 177004019000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2800 - 9940	Water Depth: 70
Public Info Code: Y 19-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 /	DEF AT first sample examined	POS IN 1
3700 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3701 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4610 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
4611 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5150 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
5240 /	DEF AT local marker benthic foram increase	DEF AT 3
5540 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5810 /	DEF AT pyrite	DEF AT 2
5989 /	DEF IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
5990 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6170 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 3
6950 /	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
7280 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
7400 /	DEF AT pyrite	DEF AT 4
7760 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
8000 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
8060 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
8330 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8600 /	DEF IN Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
8830 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8950 /	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 237	Date of Summary: 18-JAN-1977	First Sample Examined: 2800
Lease Number: G02833	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9975
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9975
API Well Number: 177004019000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 2800 - 9940	Water Depth: 70
Public Info Code: Y 19-AUG-1978	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9130 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
9430 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
9700 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
9820 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
9880 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 5
9940 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 238	Date of Summary: 03-NOV-1977	First Sample Examined: 200
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12398
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11548
API Well Number: 177004025200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 200 - 12410	Water Depth: 68
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
200 / 200	DEF AT first sample examined	DEF AT 1
440 / 440	DEF AT non-marine sediment	DEF IN 0
500 / 500	DEF AT non-marine sediment	DEF AT 0
560 / 560	DEF AT non-marine sediment	DEF IN 0
1640 / 1640	DEF AT non-marine sediment	DEF AT 0
1760 / 1760	DEF AT non-marine sediment	DEF IN 0
1840 / 1840	DEF AT non-marine sediment	DEF AT 0
2520 / 2520	DEF AT non-marine sediment	DEF IN 0
3530 / 3530	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
3560 / 3560	DEF AT shell fragments	POS AT 1
3710 / 3710	DEF AT sample gap top	POS AT 1
4999 / 4999	DEF AT sample gap bottom	DEF AT 2
5000 / 5000	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5030 / 5030	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5240 / 5240	DEF AT - - - - -	DEF IN 1
5720 / 5720	POS AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF IN 1
5810 / 5810	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6050 / 6050	DEF AT - - - - -	DEF IN 1
6110 / 6110	DEF AT - - - - -	DEF AT 2
6200 / 6200	DEF AT - - - - -	DEF IN 1
6350 / 6350	DEF AT - - - - -	DEF AT 2
6530 / 6530	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 238	Date of Summary: 03-NOV-1977	First Sample Examined: 200
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12398
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11548
API Well Number: 177004025200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 200 - 12410	Water Depth: 68
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6710 / 6710	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
6950 / 6949	DEF AT - - - - -	DEF AT 3
7010 / 7008	DEF AT - - - - -	DEF IN 2
7370 / 7360	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
7400 / 7389	DEF AT pyrite	DEF AT 3
7401 / 7390	POS AT unconformity	DEF AT 3
7909 / 7874	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 3
7910 / 7875	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8030 / 7986	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8210 / 8152	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
8480 / 8399	DEF AT - - - - -	DEF AT 4
8540 / 8454	DEF AT - - - - -	DEF AT 3
8600 / 8508	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
8750 / 8640	DEF AT - - - - -	DEF IN 3
8780 / 8667	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 3
8869 / 8744	DEF AT Eggerella 3 (local marker)	DEF IN 3
8870 / 8744	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF IN 3
9200 / 9025	DEF AT - - - - -	DEF AT 3
9410 / 9198	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF IN 3
9620 / 9364	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
9740 / 9456	DEF AT sample gap top	POS IN 3
9830 / 9525	DEF AT sample gap bottom	DEF IN 3
9950 / 9616	DEF AT Arenaceous fauna (local marker)	DEF IN 3
9980 / 9639	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 238	Date of Summary: 03-NOV-1977	First Sample Examined: 200
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 12398
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11548
API Well Number: 177004025200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 200 - 12410	Water Depth: 68
Public Info Code: Y 28-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10160 / 9773	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 3
10280 / 9862	DEF AT - - - - -	DEF AT 3
10310 / 9884	DEF AT pyrite	DEF AT 3
11030 / 10419	DEF AT Eggerella sp. (local marker)	DEF AT 3
11420 / 10724	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
11480 / 10772	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
11510 / 10796	DEF AT dolomite	DEF AT 3
11870 / 11087	DEF AT deepwater facies Cyclammina	DEF AT 3
12290 / 11437	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 3
12320 / 11463	POS AT downdip deepwater facies	DEF AT 3
12410 / 11540	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 238	Date of Summary: 31-MAR-1977	First Sample Examined: 900
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 14204
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12515
API Well Number: 177004021800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 900 - 14190	Water Depth: 69
Public Info Code: Y 23-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
900 / 900	DEF AT first sample examined	DEF AT 1
1320 / 1320	DEF AT non-marine sediment	DEF AT 0
1740 / 1740	DEF AT non-marine sediment	DEF IN 0
2040 / 2040	DEF AT non-marine sediment	DEF AT 0
2820 / 2820	DEF AT non-marine sediment	DEF IN 0
3120 / 3120	DEF AT dolomite	DEF AT 1
4230 / 4230	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4740 / 4740	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
4830 / 4830	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5160 / 5160	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5340 / 5340	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5460 / 5460	DEF AT - - - -	DEF IN 1
5970 / 5970	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 1
6030 / 6030	DEF AT - - - -	DEF AT 2
6060 / 6060	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
6090 / 6090	DEF AT - - - -	DEF IN 1
6780 / 6780	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 1
7050 / 7049	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7350 / 7344	DEF AT - - - -	DEF AT 3
7410 / 7402	DEF AT - - - -	DEF AT 2
7470 / 7461	DEF AT - - - -	DEF IN 3
7740 / 7721	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 238	Date of Summary: 31-MAR-1977	First Sample Examined: 900
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 14204
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12515
API Well Number: 177004021800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 900 - 14190	Water Depth: 69
Public Info Code: Y 23-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
7860 / 7836	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7920 / 7893	DEF AT - - - - -	DEF IN 3
8010 / 7979	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
8340 / 8285	DEF AT - - - - -	DEF IN 2
8580 / 8498	DEF AT - - - - -	DEF AT 2
8790 / 8678	DEF AT Cyclammina sp. (local marker)	DEF AT 3
8940 / 8802	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9330 / 9122	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9420 / 9194	POS AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9540 / 9287	POS AT Upper Miocene (Tortonian) Globorotalia linguaensis	DEF AT 4
9600 / 9333	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
9780 / 9471	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9900 / 9563	DEF AT - - - - -	DEF AT 3
10050 / 9678	POS AT deepwater facies Listerella fauna	DEF AT 3
10079 / 9701	DEF AT Bathysiphon fauna	DEF AT 3
10080 / 9701	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
10110 / 9725	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
10170 / 9771	DEF AT - - - - -	DEF IN 3
10410 / 9957	DEF AT - - - - -	DEF AT 3
10860 / 10297	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
10980 / 10385	DEF AT local marker benthic foram increase	DEF AT 3
11070 / 10451	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
11280 / 10600	DEF AT sandstone	DEF AT 3
11400 / 10682	DEF AT Bathysiphon fauna	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 238	Date of Summary: 31-MAR-1977	First Sample Examined: 900
Lease Number: G02834	Source of Paleo: OPERATOR	Borehole MD: 14204
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 12515
API Well Number: 177004021800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 900 - 14190	Water Depth: 69
Public Info Code: Y 23-APR-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11430 / 10702	DEF AT - - - - -	DEF IN 3
11459 / 10721	DEF AT foram flood	DEF AT 4
11460 / 10722	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11490 / 10741	DEF AT local marker benthic foram increase	DEF AT 3
11640 / 10839	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
11730 / 10898	DEF AT sample gap top	POS AT 4
11790 / 10937	DEF AT sample gap bottom	DEF IN 3
11879 / 10996	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
11880 / 10997	DEF AT Upper Miocene (Tortonian) Discamminoides tobleri	DEF IN 3
12060 / 11117	DEF AT - - - - -	DEF AT 3
12660 / 11538	DEF AT - - - - -	DEF IN 2
12930 / 11738	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
13350 / 12032	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13530 / 12144	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
13590 / 12180	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
13830 / 12316	POS IN Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
13949 / 12380	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
13950 / 12380	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
14190 / 12508	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 244	Date of Summary: 16-NOV-1971	First Sample Examined: 4220
Lease Number: G01999	Source of Paleo: OPERATOR	Borehole MD: 6605
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6605
API Well Number: 177004001500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 24-JAN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4220 /	DEF AT first sample examined	DEF AT
6570 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 244	Date of Summary: 06-DEC-1971	First Sample Examined: 5760
Lease Number: G01999	Source of Paleo: OPERATOR	Borehole MD: 9940
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8809
API Well Number: 177004001501	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 74
Paleo Report Num: 1 of 1	Sample Range: 5760 - 8840	Water Depth: 64
Public Info Code: Y 24-JAN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5760 / 5690	DEF AT first sample examined	DEF AT
6840 / 6741	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8840 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947
 End Date: 31-DEC-1987

Area Block: WC 245	Date of Summary: 26-DEC-1971	First Sample Examined: 3000
Lease Number: G02000	Source of Paleo: OPERATOR	Borehole MD: 3492
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 3488
API Well Number: 177004003300	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 3000 - 3492	Water Depth: 63
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
3001 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
3480 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
3492 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 247	Date of Summary: 26-JUL-1985	First Sample Examined: 0
Lease Number: G04760	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7900
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7899
API Well Number: 177004069600	Drilling Operator: EL PASO PRODUCTION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 78
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4550 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5870 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7040 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 250	Date of Summary: 05-JUL-1983	First Sample Examined: 7000
Lease Number: G05185	Source of Paleo: OPERATOR	Borehole MD: 13006
Well Name: 001	Paleo Done By: DAVID D. REIMERS	Borehole TVD: 12976
API Well Number: 177004061900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 1 of 2	Sample Range: 7000 - 10000	Water Depth: 78
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
7000 / 7000	DEF AT first sample examined	DEF AT
7270 / 7270	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
7730 / 7730	DEF AT local marker floral decrease	DEF AT
8110 / 8110	DEF AT sample gap top	DEF AT
8530 / 8529	DEF AT sample gap bottom	DEF AT
10420 / 10418	DEF AT Upper Miocene (Tortonian) Discoaster prepentaradiatus	DEF AT
11290 / 11285	POS AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
11560 / 11552	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
12320 / 12299	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
12430 / 12408	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
12820 / 12792	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 250	Date of Summary: 27-JUL-1983	First Sample Examined: 200
Lease Number: G05185	Source of Paleo: OPERATOR	Borehole MD: 13006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12976
API Well Number: 177004061900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 200 - 13000	Water Depth: 78
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
200 / 200	DEF AT first sample examined	DEF AT 1
1000 / 1000	DEF AT shell fragments	DEF AT 1
4500 / 4500	DEF AT cement	POS AT 1
5290 / 5290	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 1
5710 / 5710	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5800 / 5800	DEF AT sample gap top	POS AT 2
6010 / 6010	DEF AT sample gap bottom	DEF AT 1
6670 / 6670	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 2
6760 / 6760	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 2
7300 / 7300	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 2
7480 / 7480	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 2
7660 / 7660	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
7720 / 7720	DEF AT cement	POS AT 2
7810 / 7810	DEF AT Arenaceous fauna (local marker)	DEF IN 2
8230 / 8230	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
9250 / 9249	DEF AT local marker planktic foram increase	DEF IN 2
9400 / 9399	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9910 / 9909	DEF AT pyrite	DEF AT 4
10060 / 10059	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10270 / 10269	DEF AT local marker benthic foram increase	DEF AT 4
10300 / 10299	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11530 / 11522	DEF AT Eggerella 3 (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 250	Date of Summary: 27-JUL-1983	First Sample Examined: 200
Lease Number: G05185	Source of Paleo: OPERATOR	Borehole MD: 13006
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12976
API Well Number: 177004061900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 94
Paleo Report Num: 2 of 2	Sample Range: 200 - 13000	Water Depth: 78
Public Info Code: Y 28-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11890 / 11877	POS IN Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
11950 / 11936	DEF IN Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 4
11980 / 11965	DEF AT local marker benthic foram increase	DEF AT 4
12130 / 12113	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 4
12190 / 12172	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 4
12280 / 12260	DEF AT foram flood	DEF AT 4
12459 / 12436	DEF AT foram flood	DEF AT 5
12460 / 12437	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
12549 / 12525	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
12550 / 12526	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
12610 / 12585	POS AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 5
12700 / 12674	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
12730 / 12703	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 5
12820 / 12792	DEF AT local marker foram decrease	DEF IN 4
13000 / 12970	DEF AT last sample examined	POS IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 253	Date of Summary: 08-APR-1969	First Sample Examined: 6360
Lease Number: 00408	Source of Paleo: OPERATOR	Borehole MD: 12315
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12315
API Well Number: 177000023200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 60
Paleo Report Num: 1 of 1	Sample Range: 6360 - 12210	Water Depth: 67
Public Info Code: Y 30-DEC-1959	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6360 /	DEF AT first sample examined	DEF AT
7050 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9080 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9081 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12120 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
12210 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 254	Date of Summary: 03-NOV-1977	First Sample Examined: 780
Lease Number: G03270	Source of Paleo: OPERATOR	Borehole MD: 11990
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11990
API Well Number: 177004024700	Drilling Operator: TEXACO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 780 - 11990	Water Depth: 66
Public Info Code: Y 29-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
780 /	DEF AT first sample examined	DEF AT 2
2740 /	DEF AT local marker foram increase	DEF AT 2
2890 /	DEF AT sample gap top	POS AT 2
5020 /	DEF AT sample gap bottom	DEF AT 2
5200 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 2
6070 /	DEF AT sample gap top	POS AT 2
7150 /	DEF AT sample gap bottom	DEF AT 3
7210 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7330 /	DEF AT local marker foram increase	DEF AT 4
7540 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7930 /	DEF AT pyrite	DEF AT 3
7990 /	DEF AT local marker foram increase	DEF AT 3
7991 /	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
8440 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
8590 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
8619 /	DEF AT pyrite	DEF AT 3
8620 /	DEF AT Bathysiphon fauna	DEF AT 3
9340 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
9670 /	DEF AT Cyclamina sp. (local marker)	DEF AT 3
10060 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10150 /	DEF IN Arenaceous fauna (local marker)	DEF AT 4
10330 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 254	Date of Summary: 03-NOV-1977	First Sample Examined: 780
Lease Number: G03270	Source of Paleo: OPERATOR	Borehole MD: 11990
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11990
API Well Number: 177004024700	Drilling Operator: TEXACO INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 780 - 11990	Water Depth: 66
Public Info Code: Y 29-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10450 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
10630 /	POS IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10720 /	DEF AT local marker foram increase	DEF AT 4
10840 /	DEF AT pyrite	DEF AT 4
10930 /	POS AT local marker foram increase	DEF AT 4
11180 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
11210 /	DEF AT local marker benthic foram increase	DEF AT 4
11390 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11600 /	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11660 /	DEF AT local marker benthic foram increase	DEF AT 4
11960 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 255	Date of Summary: 29-SEP-1980	First Sample Examined: 3200
Lease Number: G03271	Source of Paleo: OPERATOR	Borehole MD: 9411
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8453
API Well Number: 177004042100	Drilling Operator: C & K OFFSHORE COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3200 - 9380	Water Depth: 80
Public Info Code: Y 25-AUG-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3076	DEF AT first sample examined	DEF AT 2
6740 / 6075	DEF AT - - - - -	DEF AT 3
7010 / 6315	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7130 / 6422	DEF AT - - - - -	DEF AT 2
7730 / 6958	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8000 / 7200	DEF AT poor sample interval top	DEF AT 3
9379 / 8425	DEF AT poor sample interval bottom	DEF AT 3
9380 / 8426	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 256	Date of Summary: 22-NOV-1971	First Sample Examined: 4570
Lease Number: G02001	Source of Paleo: OPERATOR	Borehole MD: 9666
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9659
API Well Number: 177004003000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 4570 - 9660	Water Depth: 66
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4570 /	DEF AT first sample examined	DEF AT
4571 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
5570 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6480 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7502 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8445 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9050 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
9590 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
9660 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 256	Date of Summary: 27-FEB-1972	First Sample Examined: 5570
Lease Number: G02001	Source of Paleo: OPERATOR	Borehole MD: 9594
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9587
API Well Number: 177004003900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 5570 - 9590	Water Depth: 66
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5570 /	DEF AT first sample examined	DEF AT
5571 /	DEF IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT
7955 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
8970 /	DEF AT local marker (general)	DEF AT
9470 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9590 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 261	Date of Summary: 09-MAR-1987	First Sample Examined: 4030
Lease Number: G03501	Source of Paleo: OPERATOR	Borehole MD: 6000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6000
API Well Number: 177004072400	Drilling Operator: CONOCO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 4030 - 6030	Water Depth: 80
Public Info Code: Y 14-NOV-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4030 /	DEF AT first sample examined	DEF AT 1
5200 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6030 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 276	Date of Summary: 11-OCT-1973	First Sample Examined: 3000
Lease Number: G00909	Source of Paleo: OPERATOR	Borehole MD: 7440
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7437
API Well Number: 177004004700	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7459	Water Depth: 85
Public Info Code: Y 27-DEC-1974	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 /	DEF AT first sample examined	DEF AT
5630 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6550 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7459 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 276	Date of Summary: 31-JUL-1975	First Sample Examined: 0
Lease Number: G00909	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7706
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 7706
API Well Number: 177004011600	Drilling Operator: TEXACO INC	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 85
Public Info Code: Y 27-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2860 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3200 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
3920 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
5030 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7570 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 280	Date of Summary: 23-FEB-1977	First Sample Examined: 5010
Lease Number: G00911	Source of Paleo: OPERATOR	Borehole MD: 12313
Well Name: 008	Paleo Done By: OPERATOR	Borehole TVD: 12313
API Well Number: 177004019400	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 5010 - 12313	Water Depth: 90
Public Info Code: Y 13-OCT-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
5010 /	DEF AT first sample examined	DEF AT 1
6180 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 1
7080 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 1
8100 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
8130 /	DEF AT - - - - -	DEF AT 3
8220 /	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
10260 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
12290 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 280	Date of Summary: 11-JAN-1973	First Sample Examined: 0
Lease Number: G00911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10480
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10479
API Well Number: 177000029500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 95
Public Info Code: Y 23-DEC-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5836 / 5835	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7664 / 7663	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9005 / 9004	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 280	Date of Summary: 29-OCT-1990	First Sample Examined: 0
Lease Number: G00911	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12259
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 11122
API Well Number: 177004013700	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 93
Public Info Code: Y 24-MAY-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5850 / 5848	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7682 / 7650	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT
9440 / 9077	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 282	Date of Summary: 10-FEB-1981	First Sample Examined: 3350
Lease Number: G03966	Source of Paleo: OPERATOR	Borehole MD: 11250
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11250
API Well Number: 177004042800	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3350 - 11340	Water Depth: 90
Public Info Code: Y 29-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 /	DEF AT first sample examined	DEF IN 2
5500 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5590 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6460 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
9060 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
11070 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11250 /	DEF AT faunal change (no faunal increase)	DEF AT 6
11340 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 294	Date of Summary: 24-JUN-1981	First Sample Examined: 4115
Lease Number: G04090	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 16997
API Well Number: 177014008300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 4115 - 17000	Water Depth: 44
Public Info Code: Y 18-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4115 /	DEF AT first sample examined	DEF AT 2
4116 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
5052 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5486 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
6146 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 3
6266 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
6446 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
6746 /	DEF AT sample gap top	POS AT 3
6805 /	DEF AT sample gap bottom	DEF IN 2
6806 /	DEF IN Upper Miocene (Tortonian) Discorbis 12	DEF IN 2
7516 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 2
8158 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF IN 2
8220 /	POS AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 3
8283 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
8313 /	DEF AT Middle Miocene (Serravallian) Robulus 5 / 55	DEF AT 3
8404 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
8904 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
8994 /	DEF IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
8995 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3
9377 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
9464 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 3
10790 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 294	Date of Summary: 24-JUN-1981	First Sample Examined: 4115
Lease Number: G04090	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: A001	Paleo Done By: ED COTTON	Borehole TVD: 16997
API Well Number: 177014008300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 4115 - 17000	Water Depth: 44
Public Info Code: Y 18-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11685 /	DEF IN Middle Miocene (Langhian) Globigerinatella insueta	DEF IN 2
12090 /	DEF IN Middle Miocene (Langhian) Robulus "L" / 43	DEF AT 3
13840 /	DEF AT Lower Miocene (Burdigalian) Robulus 54B	POS AT 3
14340 /	DEF AT poor sample interval top	POS AT 3
15560 /	DEF AT Lower Miocene (Burdigalian) Gyroidina "K" / 9 / 4	POS AT 2
16768 /	POS AT Lower Miocene (Burdigalian) Globigerina binaensis	POS AT 3
16980 /	DEF IN Lower Miocene (Burdigalian) Globigerina binaensis	POS AT 3
16999 /	DEF AT poor sample interval bottom	POS AT 3
17000 /	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 300	Date of Summary: 28-JAN-1985	First Sample Examined: 0
Lease Number: G04399	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 17505
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 17404
API Well Number: 177014015200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 48
Public Info Code: Y 31-OCT-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10399 / 10398	POS IN Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11399 / 11398	POS AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
13399 / 13398	POS AT Middle Miocene (Langhian) Robulus "L" / 43	DEF AT
15299 / 15298	POS AT Lower Miocene (Burdigalian) Robulus 54B	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 305	Date of Summary: 18-JAN-1983	First Sample Examined: 0
Lease Number: G04764	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13274
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13274
API Well Number: 177014011400	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 53
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4440 / 4440	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
5940 / 5940	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6270 / 6270	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
7710 / 7710	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
8550 / 8550	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
9360 / 9360	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
10550 / 10550	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
10860 / 10860	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
11790 / 11790	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 316	Date of Summary: 10-OCT-1978	First Sample Examined: 3910
Lease Number: G03503	Source of Paleo: OPERATOR	Borehole MD: 11606
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11606
API Well Number: 177014005800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3910 - 11590	Water Depth: 67
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3910 /	DEF AT first sample examined	DEF AT
3911 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
3912 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4570 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
4600 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
4630 /	DEF AT sample gap top	DEF AT
5139 /	DEF AT sample gap bottom	DEF AT
5140 /	DEF IN Upper Miocene (Messinian) Textularia "X"	DEF AT
6280 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT
6430 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
6550 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
6790 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
7060 /	POS AT Eggerella 3 (local marker)	DEF AT
7450 /	POS AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
8020 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
8080 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT
8290 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT
8710 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT
9040 /	DEF AT Cyclamina cancellata (local marker)	DEF AT
9070 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi praefohsi	DEF AT
9160 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT
9340 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 316	Date of Summary: 10-OCT-1978	First Sample Examined: 3910
Lease Number: G03503	Source of Paleo: OPERATOR	Borehole MD: 11606
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11606
API Well Number: 177014005800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 3910 - 11590	Water Depth: 67
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9520 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
9700 /	POS AT deepwater facies Harang	DEF AT
10060 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
10150 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT
10660 /	DEF AT deepwater facies Pontchartrain	DEF AT
11440 /	DEF AT Middle Miocene (Langhian) Cristellaria / Robulus 53	DEF AT
11590 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 27-JAN-1981	First Sample Examined: 340
Lease Number: G03802	Source of Paleo: OPERATOR	Borehole MD: 14010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14010
API Well Number: 177014008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 340 - 13990	Water Depth: 63
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
340 /	DEF AT first sample examined	DEF AT 1
970 /	DEF AT sample gap top	POS AT 1
2050 /	DEF AT sample gap bottom	DEF AT 1
3340 /	DEF AT non-marine sediment	DEF AT 1
4240 /	DEF AT local marker benthic foram increase	DEF AT 2
4270 /	DEF AT Lower Pliocene (Zanclian) <i>Buccella (Eponides) hannai</i> (acme)	DEF AT 2
4660 /	DEF AT Lower Pliocene (Zanclian) <i>Buliminella</i> 1	DEF AT 2
4990 /	POS AT Lower Pliocene (Zanclian) <i>Sigmoilina "P"</i> / cf. <i>schlumbergeri</i>	DEF AT 2
5230 /	DEF AT local marker foram decrease	DEF AT 1
5440 /	POS AT Upper Miocene (Messinian) <i>Textularia "X"</i>	DEF AT 1
6010 /	POS AT local marker foram increase	DEF AT 2
6250 /	POS AT Upper Miocene (Tortonian) <i>Textularia</i> 6	DEF AT 2
6670 /	DEF AT local marker foram decrease	DEF AT 1
6940 /	POS AT Upper Miocene (Tortonian) <i>Robulus "E"</i>	DEF AT 1
7060 /	DEF AT Upper Miocene (Tortonian) <i>Bigenerina floridana</i> / "A"	DEF AT 1
7450 /	DEF AT local marker planktic foram increase	DEF AT 2
8050 /	DEF AT Upper Miocene (Tortonian) <i>Cyclammina</i> 3	DEF AT 2
8290 /	DEF AT <i>Cyclammina</i> sp. (local marker)	DEF AT 3
8650 /	DEF AT Upper Miocene (Tortonian) <i>Discorbis</i> 12	DEF AT 2
9220 /	DEF AT local marker foram increase	DEF IN 2
9460 /	POS AT Upper Miocene (Tortonian) <i>Textularia "L"</i>	DEF AT 2
9700 /	DEF AT local marker planktic foram increase	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 27-JAN-1981	First Sample Examined: 340
Lease Number: G03802	Source of Paleo: OPERATOR	Borehole MD: 14010
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14010
API Well Number: 177014008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 340 - 13990	Water Depth: 63
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9730 /	DEF AT Eggerella sp. (local marker)	DEF AT 3
10120 /	DEF AT local marker foram increase	DEF AT 3
10300 /	DEF AT cement	POS AT 3
10600 /	DEF AT local marker foram decrease	DEF IN 2
10830 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 2
11050 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
11290 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 3
11590 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11830 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF IN 3
11950 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF IN 3
12130 /	DEF AT local marker planktic foram increase	DEF IN 3
12610 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 3
12700 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF IN 3
13390 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 3
13810 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13990 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 24-OCT-1984	First Sample Examined: 340
Lease Number: G03802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14010
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 14010
API Well Number: 177014008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 340 - 14010	Water Depth: 63
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
340 /	DEF AT first sample examined	DEF AT 1
990 /	DEF AT sample gap top	POS AT 1
2050 /	DEF AT sample gap bottom	DEF AT 1
3790 /	DEF AT faunal change (no faunal increase)	DEF IN 1
4150 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 1
4269 /	DEF AT pyrite	DEF IN 1
4270 /	DEF AT oxidized shale	DEF IN 1
4390 /	DEF AT local marker benthic foram increase	DEF AT 2
4540 /	DEF AT oxidized shale	DEF AT 2
4660 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4990 /	POS AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
5350 /	DEF AT oxidized shale	DEF AT 2
5351 /	DEF AT pyrite	DEF AT 2
5440 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 2
5470 /	DEF AT faunal change (no faunal increase)	DEF IN 2
6220 /	POS AT Upper Miocene (Tortonian) Textularia 6	DEF IN 2
6340 /	DEF AT oxidized shale	DEF IN 2
6341 /	DEF AT pyrite	DEF IN 2
6940 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7060 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7840 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7900 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 24-OCT-1984	First Sample Examined: 340
Lease Number: G03802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14010
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 14010
API Well Number: 177014008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 340 - 14010	Water Depth: 63
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
7960 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
8080 /	DEF AT local marker benthic foram increase	DEF AT 4
8110 /	DEF AT oxidized shale	DEF AT 4
8111 /	DEF AT pyrite	DEF AT 4
8260 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
8590 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
8679 /	DEF AT oxidized shale	DEF AT 4
8680 /	DEF AT pyrite	DEF AT 4
8740 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9040 /	DEF AT sample gap top	POS AT 4
9130 /	DEF AT sample gap bottom	DEF AT 4
9460 /	DEF AT foram flood	DEF AT 4
9461 /	POS IN Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 4
9550 /	POS AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
9580 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9700 /	DEF AT oxidized shale	DEF AT 4
9701 /	DEF AT pyrite	DEF AT 4
9730 /	DEF AT Upper Miocene (Tortonian) Cibicides inflata	DEF AT 4
9850 /	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10060 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 4
10120 /	DEF AT Upper Miocene (Tortonian) Uvigerina 3	DEF IN 4
10300 /	DEF AT sample gap top	POS IN 4
10390 /	DEF AT sample gap bottom	POS IN 4
10600 /	POS AT local marker foram increase	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 24-OCT-1984	First Sample Examined: 340
Lease Number: G03802	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14010
Well Name: 001	Paleo Done By: GAY LARRE'	Borehole TVD: 14010
API Well Number: 177014008200	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 340 - 14010	Water Depth: 63
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10623 /	DEF AT Upper Miocene (Tortonian) Haplophragmoides wilsoni (local acme)	DEF AT 5
10660 /	DEF AT oxidized shale	DEF AT 5
10661 /	DEF AT pyrite	DEF AT 5
10830 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
10960 /	DEF AT pyrite	DEF AT 5
11050 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
11080 /	POS AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 5
11170 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
11590 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT 5
11740 /	DEF AT foram flood	DEF AT 6
11830 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 6
11950 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 6
12250 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
12610 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 6
13150 /	POS AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
13390 /	DEF AT Middle Miocene (Serravallian) Cibicides opima	DEF AT 6
13570 /	DEF AT local marker foram decrease	DEF AT 6
13870 /	POS AT deepwater facies Pontchartrain	DEF AT 6
14010 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 08-FEB-1983	First Sample Examined: 0
Lease Number: G03802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12390
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10518
API Well Number: 177014011900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 60
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4340 / 4241	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
4810 / 4636	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7250 / 6491	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9499 / 8196	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
12350 / 10485	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 318	Date of Summary: 20-MAY-1983	First Sample Examined: 0
Lease Number: G03802	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7151
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 7150
API Well Number: 177014012100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 64
Public Info Code: Y 21-APR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6760 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 328	Date of Summary: 09-JUL-1984	First Sample Examined: 1160
Lease Number: G05307	Source of Paleo: OPERATOR	Borehole MD: 9823
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9123
API Well Number: 177014014600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 99
Paleo Report Num: 1 of 1	Sample Range: 1160 - 9823	Water Depth: 66
Public Info Code: Y 23-DEC-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1160 / 1160	DEF AT first sample examined	DEF IN 1
3590 / 3590	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4320 / 4314	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4470 / 4457	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6000 / 5834	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6330 / 6129	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7020 / 6743	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7140 / 6849	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
7890 / 7542	DEF AT - - - - -	DEF AT 4
8580 / 8172	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9330 /	POS AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9600 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
9823 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 329	Date of Summary: 16-MAR-1979	First Sample Examined: 4010
Lease Number: G03804	Source of Paleo: OPERATOR	Borehole MD: 7800
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7800
API Well Number: 177014007200	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 106
Paleo Report Num: 1 of 1	Sample Range: 4010 - 7800	Water Depth: 75
Public Info Code: Y 27-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4010 /	DEF AT first sample examined	DEF IN 2
4160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5840 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
6230 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6590 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7310 /	DEF AT - - - -	DEF AT 4
7800 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 330	Date of Summary: 10-SEP-1978	First Sample Examined: 0
Lease Number: G03274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8500
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177014001500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 77
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 68
Public Info Code: Y 28-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4790 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6710 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
7040 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8030 /	DEF AT - - - - -	DEF AT 4
8390 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 330	Date of Summary: 22-JAN-1979	First Sample Examined: 0
Lease Number: G03274	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6011
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 5507
API Well Number: 177014006600	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 110
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 67
Public Info Code: Y 28-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4545 / 4249	DEF AT faunal change (no faunal increase)	DEF AT 2
4720 / 4395	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5380 / 4959	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5950 / 5454	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 331	Date of Summary: 31-OCT-1977	First Sample Examined: 3550
Lease Number: G03275	Source of Paleo: OPERATOR	Borehole MD: 7337
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7337
API Well Number: 177014002900	Drilling Operator: TRANSOCEAN OIL INC	Rkb Elevation: 42
Paleo Report Num: 1 of 1	Sample Range: 3550 - 7338	Water Depth: 75
Public Info Code: Y 20-NOV-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3550 / 3550	DEF AT first sample examined	DEF IN 1
4390 / 4390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4720 / 4720	DEF AT faunal change (no faunal increase)	DEF AT 3
4780 / 4780	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7338 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 339	Date of Summary: 31-DEC-1981	First Sample Examined: 3910
Lease Number: G03507	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177014009800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 372 - 13000	Water Depth: 70
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3910 /	DEF AT first sample examined	DEF AT 1
4060 /	DEF AT - - - - -	DEF AT 2
4240 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
4810 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
4990 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
5050 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
5770 /	DEF AT local marker foram increase	DEF AT 3
5920 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 3
5980 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
6490 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
6820 /	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
6940 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
7210 /	DEF AT local marker foram increase	DEF AT 3
7660 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
7780 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT 3
8320 /	POS AT Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
8780 /	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 3
9680 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
10160 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 3
10520 /	POS AT deepwater facies Cyclammina	DEF AT 3
11270 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 3
11271 /	POS AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 339	Date of Summary: 31-DEC-1981	First Sample Examined: 3910
Lease Number: G03507	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177014009800	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 372 - 13000	Water Depth: 70
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11510 /	DEF AT Middle Miocene (Serravallian) Gyroidina miocenica	DEF AT 3
11900 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 3
12260 /	DEF AT - - - - -	DEF AT 4
12470 /	POS AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 4
12650 /	DEF AT deepwater facies Harang	DEF AT 5
13000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 342	Date of Summary: 28-NOV-1978	First Sample Examined: 4590
Lease Number: G03508	Source of Paleo: OPERATOR	Borehole MD: 9530
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9444
API Well Number: 177014005600	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4590 - 9528	Water Depth: 64
Public Info Code: Y 23-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4590 / 4516	DEF AT first sample examined	DEF AT 3
4591 / 4517	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5580 / 5505	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6480 / 6404	DEF AT - - - - -	DEF AT 4
8580 / 8504	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9528 / 9451	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 342	Date of Summary: 23-JUN-1982	First Sample Examined: 992
Lease Number: G03508	Source of Paleo: OPERATOR	Borehole MD: 6980
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6606
API Well Number: 177014011300	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 992 - 6970	Water Depth: 64
Public Info Code: Y 23-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
992 / 992	DEF AT first sample examined	DEF AT 2
2625 / 2549	DEF AT sample gap top	POS AT 2
3376 / 3246	DEF AT sample gap bottom	DEF AT 2
3377 / 3247	DEF AT faunal change (no faunal increase)	DEF AT 2
4822 / 4612	DEF AT faunal change (no faunal increase)	DEF AT 3
4911 / 4695	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4912 / 4696	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4913 / 4697	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5570 / 5302	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6290 / 5966	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
6760 / 6402	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
6970 / 6597	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 347	Date of Summary: 12-DEC-1971	First Sample Examined: 4560
Lease Number: G02002	Source of Paleo: OPERATOR	Borehole MD: 8148
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8121
API Well Number: 177014000100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 4560 - 8148	Water Depth: 65
Public Info Code: Y 31-JAN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4560 / 4558	DEF AT first sample examined	DEF AT
4561 / 4559	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5550 / 5547	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6270 / 6266	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7215 / 7207	DEF AT Cyclammina sp. (local marker)	DEF AT
7684 / 7674	POS IN Upper Miocene (Messinian) Textularia tatumi	DEF AT
8148 / 8137	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 352	Date of Summary: 10-MAR-1977	First Sample Examined: 800
Lease Number: G02839	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10715
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10715
API Well Number: 177014000400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 800 - 10700	Water Depth: 74
Public Info Code: Y 31-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
800 /	DEF AT first sample examined	DEF AT 1
1640 /	DEF AT local marker benthic foram increase	DEF AT 1
2060 /	DEF AT local marker benthic foram increase	DEF AT 2
2780 /	DEF AT local marker foram decrease	DEF IN 1
2930 /	DEF AT local marker benthic foram increase	DEF AT 2
3800 /	DEF AT local marker foram decrease	DEF IN 1
4670 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4970 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5120 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5270 /	DEF AT local marker foram decrease	DEF IN 2
5390 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
5720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6080 /	DEF AT local marker benthic foram increase	DEF AT 3
6110 /	DEF AT local marker foram decrease	DEF AT 3
6260 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
6860 /	DEF AT local marker planktic foram increase	DEF AT 4
6920 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 3
7190 /	DEF AT local marker benthic foram increase	DEF IN 3
7340 /	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 4
7520 /	DEF AT pyrite	DEF AT 4
8030 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8150 /	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 352	Date of Summary: 10-MAR-1977	First Sample Examined: 800
Lease Number: G02839	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10715
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10715
API Well Number: 177014000400	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 800 - 10700	Water Depth: 74
Public Info Code: Y 31-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8450 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
8570 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9170 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
9260 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9440 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 5
9800 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 5
10100 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 5
10129 /	DEF AT pyrite	DEF AT 5
10130 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
10160 /	DEF AT local marker planktic foram increase	DEF AT 5
10640 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
10700 /	DEF AT last sample examined	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 353	Date of Summary: 18-SEP-1977	First Sample Examined: 4060
Lease Number: G02840	Source of Paleo: OPERATOR	Borehole MD: 9037
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9037
API Well Number: 177014002600	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 4060 - 9030	Water Depth: 67
Public Info Code: Y 30-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4060 /	DEF AT first sample examined	POS AT 2
4590 /	DEF AT - - - - -	DEF AT 2
4740 /	DEF AT - - - - -	DEF AT 3
5040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7470 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8310 /	DEF AT - - - - -	DEF AT 4
9030 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 355	Date of Summary: 11-OCT-1977	First Sample Examined: 2450
Lease Number: G03279	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8388
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8388
API Well Number: 177014001800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 2450 - 8320	Water Depth: 65
Public Info Code: Y 26-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2450 /	DEF AT first sample examined	DEF AT 1
3810 /	DEF AT local marker benthic foram increase	DEF AT 2
3870 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
3930 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4170 /	DEF AT local marker benthic foram increase	DEF AT 3
4200 /	POS IN Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
4470 /	DEF AT Cyclamina sp. (local marker)	DEF AT 3
4500 /	DEF AT local marker planktic foram increase	DEF AT 4
4770 /	POS AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
4860 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
5130 /	DEF IN Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
5550 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
6040 /	DEF IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 4
6220 /	DEF AT local marker planktic foram increase	DEF AT 4
6250 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
6580 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
6820 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 5
7780 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
7840 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
8110 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
8200 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
8290 /	DEF AT pyrite	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 355	Date of Summary: 11-OCT-1977	First Sample Examined: 2450
Lease Number: G03279	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8388
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 8388
API Well Number: 177014001800	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 2450 - 8320	Water Depth: 65
Public Info Code: Y 26-AUG-1980	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8320 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 355	Date of Summary: 17-JUN-1977	First Sample Examined: 0
Lease Number: G03279	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7911
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7911
API Well Number: 177014002100	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 65
Public Info Code: Y 26-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6492 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7070 /	DEF AT domal material	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 355	Date of Summary: 28-AUG-1980	First Sample Examined: 3000
Lease Number: G03279	Source of Paleo: OPERATOR	Borehole MD: 6794
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6794
API Well Number: 177014008600	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6794	Water Depth: 65
Public Info Code: Y 26-AUG-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 / 3000	DEF AT first sample examined	DEF AT 1
4410 / 4410	DEF AT - - - - -	DEF AT 3
4440 / 4440	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
5550 / 5550	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
5730 / 5730	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5910 / 5910	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
6060 / 6060	DEF AT Cyclammina sp. (local marker)	DEF AT 4
6794 / 6794	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 359	Date of Summary: 08-JUL-1983	First Sample Examined: 4153
Lease Number: G03762	Source of Paleo: OPERATOR	Borehole MD: 8300
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6726
API Well Number: 177014013200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4153 - 8290	Water Depth: 78
Public Info Code: Y 12-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4153 / 3578	DEF AT first sample examined	DEF AT 2
5349 / 4465	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5350 / 4466	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5351 / 4466	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5740 / 4759	DEF AT - - - - -	DEF AT 3
6520 / 5352	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7179 / 5859	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
7180 / 5860	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7450 / 6067	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
8290 / 6719	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 359	Date of Summary: 10-NOV-1983	First Sample Examined: 4380
Lease Number: G03762	Source of Paleo: OPERATOR	Borehole MD: 7766
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7384
API Well Number: 177014013800	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 174
Paleo Report Num: 1 of 1	Sample Range: 4380 - 7764	Water Depth: 78
Public Info Code: Y 12-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4380 / 4020	DEF AT first sample examined	DEF AT 2
4979 / 4608	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
4980 / 4609	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
5160 / 4787	DEF AT - - - - -	DEF AT 3
6000 / 5619	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6299 / 5916	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
6300 / 5917	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
7764 / 7379	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 376	Date of Summary: 28-OCT-1981	First Sample Examined: 0
Lease Number: G03764	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7257
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7257
API Well Number: 177014009700	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 72
Public Info Code: Y 31-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3710 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5140 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7090 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 381	Date of Summary: 22-APR-1985	First Sample Examined: 3030
Lease Number: G06586	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13000
API Well Number: 177014016500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 1 of 2	Sample Range: 3030 - 12990	Water Depth: 68
Public Info Code: Y 21-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3030 /	DEF AT first sample examined	DEF IN 1
4320 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
4830 /	DEF AT - - - - -	DEF AT 3
5340 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5850 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6240 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6780 /	DEF AT - - - - -	DEF AT 4
6810 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
7260 /	DEF AT - - - - -	DEF AT 5
9030 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
9540 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 6
10650 /	DEF IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT 6
11580 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT 6
11910 /	DEF AT Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 6
12210 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT 6
12990 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 381	Date of Summary: 11-APR-1986	First Sample Examined: 3030
Lease Number: G06586	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177014016500	Drilling Operator: ANADARKO E&P COMPANY LP	Rkb Elevation: 81
Paleo Report Num: 2 of 2	Sample Range: 3030 - 12990	Water Depth: 68
Public Info Code: Y 21-MAY-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: Paleo from phone conversation with Doak Wilson

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 /	DEF AT first sample examined	DEF AT
4320 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6240 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9030 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12210 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF AT
12990 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 384	Date of Summary: 15-APR-1986	First Sample Examined: 4000
Lease Number: G06588	Source of Paleo: OPERATOR	Borehole MD: 9729
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9729
API Well Number: 177014016800	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 4000 - 6220	Water Depth: 85
Public Info Code: Y 28-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 1
4720 /	DEF AT Arenaceous fauna (local marker)	DEF AT 1
4840 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4900 /	DEF AT - - - - -	DEF AT 2
4960 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
5680 /	DEF AT local marker foram increase	DEF AT 2
6130 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6220 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 384	Date of Summary: 15-APR-1986	First Sample Examined: 4000
Lease Number: G06588	Source of Paleo: OPERATOR	Borehole MD: 9729
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9729
API Well Number: 177014016800	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 4000 - 9730	Water Depth: 85
Public Info Code: Y 28-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT
4660 /	DEF AT Arenaceous fauna (local marker)	DEF AT
4810 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5020 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
5680 /	DEF AT local marker foram increase	DEF AT
5980 /	DEF AT - - - - -	DEF AT 2
6100 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6391 /	DEF AT - - - - -	DEF AT 2
6561 /	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT 3
6651 /	DEF AT - - - - -	DEF AT 2
6861 /	DEF AT - - - - -	DEF AT 3
6951 /	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
7001 /	DEF AT - - - - -	DEF AT 2
7490 /	DEF AT poor sample interval top	POS AT 2
7640 /	DEF AT poor sample interval bottom	POS AT 2
7670 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	POS AT 2
8040 /	DEF AT - - - - -	DEF AT 3
8370 /	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 3
8790 /	DEF AT Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 3
9010 /	DEF AT foram flood	DEF AT 4
9191 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9280 /	DEF AT Upper Miocene (Tortonian) Globorotalia languaensis	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 384	Date of Summary: 15-APR-1986	First Sample Examined: 4000
Lease Number: G06588	Source of Paleo: OPERATOR	Borehole MD: 9729
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9729
API Well Number: 177014016800	Drilling Operator: TEXACO INC	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 4000 - 9730	Water Depth: 85
Public Info Code: Y 28-JUL-1987	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9610 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
9730 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 393	Date of Summary: 27-FEB-1981	First Sample Examined: 1200
Lease Number: G04195	Source of Paleo: OPERATOR	Borehole MD: 10172
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10172
API Well Number: 177014009100	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 1200 - 10160	Water Depth: 75
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1200 /	DEF AT first sample examined	DEF IN 1
4860 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
5370 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5490 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6840 /	DEF AT sample gap top	POS AT 3
7110 /	DEF AT sample gap bottom	DEF AT 3
7320 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7650 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9800 /	DEF AT faunal change (no faunal increase)	DEF AT 6
10160 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 405	Date of Summary: 30-DEC-1975	First Sample Examined: 3500
Lease Number: G03280	Source of Paleo: OPERATOR	Borehole MD: 9630
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9630
API Well Number: 177014000800	Drilling Operator: SKELLY OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 3500 - 9627	Water Depth: 90
Public Info Code: Y 08-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF IN 2
3710 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
5480 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5570 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
5720 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7340 /	DEF AT local marker deep water fauna	DEF AT 4
7460 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
7500 /	DEF AT local marker foram decrease	DEF AT 4
8300 /	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
8330 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8990 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
9110 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9440 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
9627 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 406	Date of Summary: 28-NOV-1983	First Sample Examined: 3540
Lease Number: G03281	Source of Paleo: OPERATOR	Borehole MD: 11382
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8731
API Well Number: 177014013401	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3540 - 11380	Water Depth: 90
Public Info Code: Y 08-JAN-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 / 3073	DEF AT first sample examined	DEF AT 2
7390 / 5655	DEF AT faunal change (no faunal increase)	DEF AT 3
7509 / 5736	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
7510 / 5736	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8789 / 6663	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8790 / 6664	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
8970 / 6808	DEF AT faunal change (no faunal increase)	DEF AT 2
10090 / 7720	DEF AT faunal change (no faunal increase)	DEF AT 3
10840 / 8326	DEF AT faunal change (no faunal increase)	DEF AT 4
10900 / 8372	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
11380 / 8730	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 409	Date of Summary: 07-JUN-1976	First Sample Examined: 4500
Lease Number: G03282	Source of Paleo: OPERATOR	Borehole MD: 9308
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9308
API Well Number: 177014001400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 4500 - 9300	Water Depth: 92
Public Info Code: Y 02-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF IN 2
4530 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
4680 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 2
5700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5730 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6060 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6840 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
7260 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
7739 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7740 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
8280 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8490 /	DEF AT Bathysiphon fauna	DEF AT 5
9000 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
9060 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
9300 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 409	Date of Summary: 23-SEP-1979	First Sample Examined: 4500
Lease Number: G03282	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9308
Well Name: A001	Paleo Done By: LEE LATTA	Borehole TVD: 9308
API Well Number: 177014001400	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 4500 - 9300	Water Depth: 92
Public Info Code: Y 02-JUL-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4500 /	DEF AT first sample examined	DEF AT
4501 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
5550 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5940 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 2
6059 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6060 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
6870 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7410 /	DEF IN Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
7739 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7740 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
7800 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9300 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 413	Date of Summary: 20-MAR-1984	First Sample Examined: 6000
Lease Number: G05317	Source of Paleo: OPERATOR	Borehole MD: 10308
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10307
API Well Number: 177014014400	Drilling Operator: CORPUS CHRISTI OIL AND GAS CO	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 6000 - 10308	Water Depth: 92
Public Info Code: Y 24-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6000 / 6000	DEF AT first sample examined	DEF AT 4
6001 / 6001	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8130 / 8130	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
10200 / 10199	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10230 / 10229	DEF AT - - - - -	DEF AT 5
10308 / 10307	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 414	Date of Summary: 27-SEP-1976	First Sample Examined: 2990
Lease Number: G02844	Source of Paleo: OPERATOR	Borehole MD: 11390
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11390
API Well Number: 177014000700	Drilling Operator: AMERICAN PETROFINA EXPLORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 2990 - 11160	Water Depth: 100
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2990 /	DEF AT first sample examined	POS AT 3
5460 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
6090 /	DEF AT - - - -	DEF AT 3
6390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
8100 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
9420 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
9960 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
10200 /	DEF AT local marker foram decrease	DEF AT 4
10350 /	DEF AT local marker benthic foram increase	DEF AT 4
10440 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
10590 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10740 /	DEF AT - - - -	DEF AT 5
11040 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
11070 /	DEF AT Bathysiphon fauna	DEF AT 6
11160 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 414	Date of Summary: 30-MAR-1984	First Sample Examined: 2990
Lease Number: G02844	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11390
Well Name: 001	Paleo Done By: MARK BLOEMKER	Borehole TVD: 11390
API Well Number: 177014000700	Drilling Operator: ATOFINA PETROCHEMICALS INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 2990 - 11160	Water Depth: 100
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2990 /	DEF AT first sample examined	DEF IN 2
3500 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4890 /	POS AT local marker foram increase	DEF IN 2
5190 /	DEF AT poor sample interval top	DEF AT 2
5340 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5520 /	DEF AT poor sample interval bottom	DEF AT 2
6120 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
6150 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6300 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
6390 /	DEF AT - - - - -	DEF AT 4
6420 /	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
6690 /	DEF AT local marker benthic foram increase	DEF AT 3
7200 /	DEF AT local marker benthic foram increase	DEF AT 3
7380 /	DEF AT local marker benthic foram increase	DEF AT 3
8220 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8490 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8580 /	DEF AT local marker foram decrease	DEF IN 2
9060 /	DEF AT poor sample interval top	POS IN 2
9240 /	DEF AT oxidized shale	DEF IN 2
9390 /	DEF AT poor sample interval bottom	DEF IN 2
9420 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10260 /	DEF AT local marker foram increase	DEF IN 3

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 414	Date of Summary: 30-MAR-1984	First Sample Examined: 2990
Lease Number: G02844	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11390
Well Name: 001	Paleo Done By: MARK BLOEMKER	Borehole TVD: 11390
API Well Number: 177014000700	Drilling Operator: ATOFINA PETROCHEMICALS INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 2990 - 11160	Water Depth: 100
Public Info Code: Y 30-NOV-1977	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10350 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
10590 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10740 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
10890 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
11070 /	DEF AT local marker foram decrease	DEF AT 6
11130 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 424	Date of Summary: 04-JAN-1979	First Sample Examined: 1220
Lease Number: G03510	Source of Paleo: OPERATOR	Borehole MD: 8336
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8336
API Well Number: 177014006400	Drilling Operator: FOUR STAR OIL & GAS COMPANY	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 1220 - 8330	Water Depth: 100
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1220 /	DEF AT first sample examined	DEF IN 2
2660 /	DEF AT sample gap top	POS IN 2
2840 /	DEF AT sample gap bottom	DEF IN 2
2870 /	DEF AT sample gap top	POS IN 2
3020 /	DEF AT sample gap bottom	DEF IN 2
4670 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
5420 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6590 /	DEF AT - - - - -	DEF AT 4
8120 /	DEF AT - - - - -	DEF AT 5
8150 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
8330 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 426	Date of Summary: 05-OCT-1977	First Sample Examined: 0
Lease Number: G02845	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8303
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8303
API Well Number: 177014003400	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 104
Public Info Code: Y 04-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6140 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT
6170 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
8180 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 431	Date of Summary: 25-JAN-1985	First Sample Examined: 0
Lease Number: G04196	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6933
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6370
API Well Number: 177014015601	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 97
Public Info Code: Y 28-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1380 / 1026	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5250 / 4708	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6030 / 5470	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6933 / 6370	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 433	Date of Summary: 23-MAR-1967	First Sample Examined: 4490
Lease Number: G00927	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8500
API Well Number: 177010002000	Drilling Operator: TEXACO INC	Rkb Elevation: 76
Paleo Report Num: 1 of 1	Sample Range: 630 - 8499	Water Depth: 107
Public Info Code: Y 26-MAY-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4490 /	DEF AT first sample examined	DEF AT 1
5210 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 1
5500 /	DEF AT poor sample interval top	DEF AT 1
5840 /	POS AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 1
5841 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 1
5870 /	DEF AT - - - - -	DEF AT 2
5960 /	DEF AT - - - - -	DEF AT 3
6070 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
8130 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
8131 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
8460 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
8461 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
8462 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8498 /	DEF AT poor sample interval bottom	DEF AT 4
8499 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 442	Date of Summary: 18-DEC-1978	First Sample Examined: 740
Lease Number: G03511	Source of Paleo: OPERATOR	Borehole MD: 5251
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4986
API Well Number: 177014005900	Drilling Operator: ANR PRODUCTION COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 740 - 5250	Water Depth: 112
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
740 / 740	DEF AT first sample examined	DEF IN 2
4010 / 3833	POS AT Upper Pliocene (Gelasian) Lenticulina 1	POS AT 3
4970 / 4726	DEF AT - - - - -	DEF AT 4
5030 / 4782	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5150 / 4893	DEF AT - - - - -	DEF AT 5
5250 / 4985	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 442	Date of Summary: 19-APR-1985	First Sample Examined: 1320
Lease Number: G03511	Source of Paleo: OPERATOR	Borehole MD: 5992
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 5992
API Well Number: 177014011600	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 1320 - 5990	Water Depth: 102
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1320 /	DEF AT first sample examined	POS AT 1
1410 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
5910 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 5
5990 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 443	Date of Summary: 10-OCT-1979	First Sample Examined: 2780
Lease Number: G03512	Source of Paleo: OPERATOR	Borehole MD: 7068
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7068
API Well Number: 177014008000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 122
Paleo Report Num: 1 of 2	Sample Range: 2780 - 7070	Water Depth: 111
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2780 /	DEF AT first sample examined	DEF IN 2
3650 /	DEF AT - - - - -	DEF AT 3
4880 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5690 /	DEF AT - - - - -	DEF AT 4
5900 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6140 /	DEF AT - - - - -	DEF AT 5
6200 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
6770 /	POS AT Middle Miocene	DEF AT 6
6771 /	DEF AT gouge	DEF AT 6
7070 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 443	Date of Summary: 18-JUN-1984	First Sample Examined: 2780
Lease Number: G03512	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7068
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 7068
API Well Number: 177014008000	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 122
Paleo Report Num: 2 of 2	Sample Range: 2780 - 7070	Water Depth: 111
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2780 /	DEF AT first sample examined	POS AT 2
2781 /	DEF AT poor sample interval top	POS AT 2
3260 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4370 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5690 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
5870 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
6170 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
6230 /	DEF AT sample gap top	POS AT 5
6620 /	DEF AT sample gap bottom	DEF AT 5
6680 /	DEF AT local marker deep water fauna	DEF AT 6
6800 /	POS IN Middle Miocene (Serravallian) Bigenerina humblei	DEF AT 6
7069 /	DEF AT poor sample interval bottom	DEF AT 6
7070 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 445	Date of Summary: 10-MAR-1986	First Sample Examined: 1080
Lease Number: G05326	Source of Paleo: OPERATOR	Borehole MD: 10127
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10127
API Well Number: 177024085300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1080 - 10126	Water Depth: 120
Public Info Code: Y 30-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1080 /	DEF AT first sample examined	DEF IN 2
5700 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5970 /	POS AT - - - - -	POS AT 3
7140 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
8250 /	DEF AT - - - - -	DEF AT 4
8820 /	DEF AT - - - - -	DEF AT 5
9390 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9990 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 6
10126 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 446	Date of Summary: 04-MAR-1982	First Sample Examined: 360
Lease Number: G04197	Source of Paleo: OPERATOR	Borehole MD: 9414
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8855
API Well Number: 177024069300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 360 - 9410	Water Depth: 119
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
360 / 360	DEF AT first sample examined	DEF AT 1
5980 / 5690	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
6590 / 6251	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
8330 / 7857	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
8480 / 7995	POS AT reworked material	DEF IN 3
8690 / 8189	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
8810 / 8300	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9410 / 8851	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 447	Date of Summary: 16-DEC-1983	First Sample Examined: 0
Lease Number: G03513	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5976
API Well Number: 177024072600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 13-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4705 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5840 /	DEF AT gouge	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 447	Date of Summary: 17-APR-1984	First Sample Examined: 0
Lease Number: G03513	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6878
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6433
API Well Number: 177024073900	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 13-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6650 / 6236	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 447	Date of Summary: 07-FEB-1983	First Sample Examined: 0
Lease Number: G03513	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6851
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 6361
API Well Number: 177024074101	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 13-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6410 / 6026	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 447	Date of Summary: 25-APR-1984	First Sample Examined: 0
Lease Number: G03513	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7550
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 6079
API Well Number: 177024074001	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 122
Public Info Code: Y 13-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5114 / 4787	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 447	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04197	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10013
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7439
API Well Number: 177024072700	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 120
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4705 / 3882	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5840 / 4676	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 449	Date of Summary: 18-JUL-1985	First Sample Examined: 0
Lease Number: G05328	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14368
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14368
API Well Number: 177024086600	Drilling Operator: SUPERIOR OIL COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 116
Public Info Code: Y 25-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4960 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
7390 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT
7420 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8650 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9250 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT
11260 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
12460 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
13090 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
13900 /	DEF AT Middle Miocene (Serravallian) Textularia "W"	DEF AT
14290 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 456	Date of Summary: 01-MAY-1970	First Sample Examined: 5000
Lease Number: G00928	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9740
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 9740
API Well Number: 177020000300	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9735	Water Depth: 115
Public Info Code: Y 19-MAY-1969	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	POS IN 3
5940 /	DEF AT pyrite	POS IN 3
6020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7545 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
8105 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8838 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
9354 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
9525 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9695 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
9696 /	POS AT gouge	DEF AT 6
9697 /	POS IN Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
9735 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 456	Date of Summary: 01-FEB-1966	First Sample Examined: 3500
Lease Number: G00928	Source of Paleo: OPERATOR	Borehole MD: 7795
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7795
API Well Number: 177020000500	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7755	Water Depth: 115
Public Info Code: Y 19-MAY-1969	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 /	DEF AT first sample examined	DEF AT
5420 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7666 /	POS IN Lower Pliocene	DEF AT
7755 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 457	Date of Summary: 10-OCT-1967	First Sample Examined: 1600
Lease Number: G00929	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177020000600	Drilling Operator: TEXACO INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 800 - 11000	Water Depth: 117
Public Info Code: Y 26-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1600 /	DEF AT first sample examined	DEF IN 1
2040 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
2080 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3000 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4090 /	DEF AT sample gap top	POS AT 2
4810 /	DEF AT sample gap bottom	DEF AT 2
4900 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
5200 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 2
5530 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
5890 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
6310 /	DEF AT local marker foram increase	DEF AT 4
6550 /	DEF IN Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
6670 /	POS IN Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
6910 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 4
7540 /	DEF AT faunal change (no faunal increase)	DEF AT 3
7870 /	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
7930 /	DEF AT faunal change (no faunal increase)	DEF AT 4
8200 /	DEF AT local marker benthic foram increase	DEF AT 4
8980 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9550 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
10030 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10060 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 457	Date of Summary: 10-OCT-1967	First Sample Examined: 1600
Lease Number: G00929	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177020000600	Drilling Operator: TEXACO INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 800 - 11000	Water Depth: 117
Public Info Code: Y 26-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10120 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
10150 /	DEF AT local marker deep water fauna	DEF AT 6
10239 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
10240 /	DEF AT Upper Miocene (Tortonian) Reophax davepopei	DEF AT 6
10540 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
11000 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 459	Date of Summary: 30-AUG-1984	First Sample Examined: 4690
Lease Number: G03383	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11018
Well Name: 003	Paleo Done By: ED COTTON	Borehole TVD: 11016
API Well Number: 177024062900	Drilling Operator: CONOCO INC	Rkb Elevation: 101
Paleo Report Num: 2 of 2	Sample Range: 4690 - 11010	Water Depth: 135
Public Info Code: Y 09-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4690 /	DEF AT first sample examined	DEF AT 1
4840 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
6700 /	POS AT local marker planktic foram increase	DEF AT 3
6730 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
6850 /	DEF AT faunal change (no faunal increase)	DEF AT 1
7630 /	DEF AT faunal change (no faunal increase)	DEF AT 2
7990 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
9300 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9330 /	DEF AT local marker benthic foram increase	DEF AT 4
9390 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
9540 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
9630 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9810 /	DEF AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
9930 /	DEF AT local marker deep water fauna	DEF AT 4
10290 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
10980 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 466	Date of Summary: 08-AUG-1972	First Sample Examined: 4560
Lease Number: G02003	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9000
API Well Number: 177024006200	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 102
Paleo Report Num: 2 of 2	Sample Range: 4560 - 8970	Water Depth: 132
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4560 /	DEF AT first sample examined	POS IN 1
4561 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	POS IN 1
5790 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6630 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 2
7260 /	POS IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7290 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
7680 /	POS IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
7740 /	POS AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 6
8760 /	POS AT gouge	DEF AT 6
8970 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 472	Date of Summary: 26-JAN-1978	First Sample Examined: 1110
Lease Number: G03515	Source of Paleo: OPERATOR	Borehole MD: 7817
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7817
API Well Number: 177024046900	Drilling Operator: AMINOIL INC.	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 1110 - 7817	Water Depth: 145
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1110 /	DEF AT first sample examined	DEF IN 2
1320 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
2720 /	DEF AT Bathysiphon fauna	DEF IN 2
3650 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2
4100 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4670 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
4700 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5360 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
5870 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
5930 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 3
5960 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
6350 /	POS AT local marker planktic foram increase	DEF AT 5
6620 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
6950 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 5
6980 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
7010 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
7400 /	DEF AT local marker benthic foram increase	DEF AT 6
7550 /	POS AT gouge	DEF AT 6
7610 /	DEF AT pyrite	DEF AT 6
7670 /	DEF AT local marker deep water fauna	DEF AT 6
7817 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 472	Date of Summary: 18-MAY-1982	First Sample Examined: 916
Lease Number: G03515	Source of Paleo: OPERATOR	Borehole MD: 5421
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5003
API Well Number: 177024071700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 2	Sample Range: 916 - 5421	Water Depth: 145
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
916 / 916	DEF AT first sample examined	DEF AT 2
4665 / 4336	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5421 / 5003	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 472	Date of Summary: 22-JUL-1982	First Sample Examined: 0
Lease Number: G03515	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 5421
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 5003
API Well Number: 177024071700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 2 of 2	Sample Range: 0 - 0	Water Depth: 145
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3020 / 2898	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4413 / 4115	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4807 / 4461	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 473	Date of Summary: 17-MAY-1982	First Sample Examined: 2311
Lease Number: G03515	Source of Paleo: OPERATOR	Borehole MD: 6850
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6608
API Well Number: 177024070701	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2311 - 6850	Water Depth: 145
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2311 / 2311	DEF AT first sample examined	DEF AT 2
5309 / 5124	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
6030 / 5801	DEF AT - - - - -	DEF AT 3
6123 / 5889	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6278 / 6035	DEF AT - - - - -	DEF AT 3
6849 / 6577	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
6850 / 6578	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 473	Date of Summary: 26-OCT-1981	First Sample Examined: 3500
Lease Number: G03516	Source of Paleo: OPERATOR	Borehole MD: 7500
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7500
API Well Number: 177024069100	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7560	Water Depth: 145
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3500 /	DEF AT first sample examined	DEF IN 2
3950 /	DEF AT - - - - -	DEF IN 3
4490 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
5720 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF IN 3
6560 /	DEF AT - - - - -	DEF AT 4
7190 /	DEF AT - - - - -	DEF AT 5
7560 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 473	Date of Summary: 12-MAY-1982	First Sample Examined: 1015
Lease Number: G03516	Source of Paleo: OPERATOR	Borehole MD: 7337
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 5934
API Well Number: 177024070700	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1015 - 7337	Water Depth: 145
Public Info Code: Y 05-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1015 / 1015	DEF AT first sample examined	DEF AT 2
5447 / 4568	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
5602 / 4675	DEF AT - - - - -	DEF AT 2
6811 / 5540	DEF AT - - - - -	DEF IN 2
6997 / 5679	DEF AT - - - - -	DEF AT 2
7306 / 5911	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
7307 / 5912	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 4
7337 / 5934	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 474	Date of Summary: 03-JAN-1972	First Sample Examined: 3130
Lease Number: G02004	Source of Paleo: OPERATOR	Borehole MD: 6306
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6300
API Well Number: 177024003100	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 3130 - 6306	Water Depth: 146
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3130 /	DEF AT first sample examined	DEF AT
4240 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4960 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5940 /	DEF IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
6306 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 475	Date of Summary: 29-DEC-1971	First Sample Examined: 2800
Lease Number: G02005	Source of Paleo: OPERATOR	Borehole MD: 7768
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7767
API Well Number: 177024003400	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2800 - 7768	Water Depth: 146
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2800 /	DEF AT first sample examined	DEF AT
4040 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5910 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
6480 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7768 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 475	Date of Summary: 15-JAN-1972	First Sample Examined: 850
Lease Number: G02005	Source of Paleo: OPERATOR	Borehole MD: 4866
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 4865
API Well Number: 177024003600	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 850 - 4866	Water Depth: 146
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
850 /	DEF AT first sample examined	DEF AT
3135 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4866 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 10-JUL-1973	First Sample Examined: 5386
Lease Number: G02220	Source of Paleo: OPERATOR	Borehole MD: 11413
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11413
API Well Number: 177024013100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 5386 - 11412	Water Depth: 149
Public Info Code: Y 30-JUL-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5386 /	DEF AT first sample examined	DEF AT 3
5387 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5703 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8652 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9092 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
9357 /	DEF AT faunal change (no faunal increase)	DEF IN 3
11324 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
11412 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 13-AUG-1973	First Sample Examined: 4026
Lease Number: G02220	Source of Paleo: OPERATOR	Borehole MD: 11174
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11174
API Well Number: 177024014300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4026 - 11218	Water Depth: 148
Public Info Code: Y 09-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4026 /	DEF AT first sample examined	POS AT 2
4027 /	DEF AT cement	POS AT 2
4277 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4722 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5295 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6135 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8703 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8998 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9901 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
11044 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11045 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
11218 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 19-SEP-1973	First Sample Examined: 4043
Lease Number: G02220	Source of Paleo: OPERATOR	Borehole MD: 12034
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12034
API Well Number: 177024014600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4043 - 12024	Water Depth: 145
Public Info Code: Y 03-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4043 /	DEF AT first sample examined	DEF AT 3
4044 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4087 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4982 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5292 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8632 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
8849 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11367 /	POS AT Cyclammina cancellata (local marker)	DEF AT 4
11803 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12024 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 12-JUN-1973	First Sample Examined: 4050
Lease Number: G02220	Source of Paleo: OPERATOR	Borehole MD: 14061
Well Name: A001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14061
API Well Number: 177024010000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4050 - 14043	Water Depth: 151
Public Info Code: Y 29-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4050 /	DEF AT first sample examined	DEF AT
4051 /	DEF AT cement	DEF AT
4816 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5124 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5608 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6408 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8877 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
9008 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11025 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12012 /	DEF AT sand	DEF AT 2
12013 /	DEF AT shell fragments	DEF AT 2
13961 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
14043 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 26-AUG-1974	First Sample Examined: 3470
Lease Number: G02549	Source of Paleo: OPERATOR	Borehole MD: 14666
Well Name: A002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13240
API Well Number: 177024018200	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3470 - 14566	Water Depth: 148
Public Info Code: Y 02-SEP-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3470 / 3470	DEF AT first sample examined	DEF AT 2
3471 / 3471	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4900 / 4899	DEF AT sample gap top	POS AT 2
6760 / 6656	DEF AT sample gap bottom	DEF AT 2
9120 / 8737	DEF AT faunal change (no faunal increase)	DEF AT 4
9420 / 9004	DEF AT faunal change (no faunal increase)	DEF AT 3
9719 / 9266	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
9720 / 9267	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
11730 / 10910	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
13410 / 12253	DEF AT faunal change (no faunal increase)	DEF AT 4
14566 / 13180	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 15-JAN-1975	First Sample Examined: 4025
Lease Number: G02549	Source of Paleo: OPERATOR	Borehole MD: 14219
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12788
API Well Number: 177024020100	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4025 - 14210	Water Depth: 145
Public Info Code: Y 01-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4025 / 3902	DEF AT first sample examined	DEF AT 2
4026 / 3903	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4510 / 4354	DEF AT faunal change (no faunal increase)	DEF AT 3
4570 / 4409	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4840 / 4654	DEF AT faunal change (no faunal increase)	DEF AT 2
9210 / 8510	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9360 / 8641	DEF AT faunal change (no faunal increase)	DEF AT 3
11790 / 10777	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
13230 / 11985	DEF AT faunal change (no faunal increase)	DEF AT 3
14210 / 12803	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 14-SEP-1976	First Sample Examined: 3970
Lease Number: G02549	Source of Paleo: OPERATOR	Borehole MD: 11794
Well Name: A004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10606
API Well Number: 177024023000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3970 - 11790	Water Depth: 148
Public Info Code: Y 07-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3970 / 3908	DEF AT first sample examined	DEF AT 2
3971 / 3909	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4510 / 4374	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4630 / 4476	DEF AT faunal change (no faunal increase)	DEF AT 2
5000 / 4791	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5240 / 4995	DEF AT faunal change (no faunal increase)	DEF AT 2
6600 / 6159	DEF AT faunal change (no faunal increase)	DEF AT 3
9510 / 8677	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
9780 / 8909	DEF AT faunal change (no faunal increase)	DEF AT 3
11790 / 10614	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 14-SEP-1976	First Sample Examined: 3560
Lease Number: G02549	Source of Paleo: OPERATOR	Borehole MD: 11172
Well Name: A005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10595
API Well Number: 177024023500	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3560 - 11180	Water Depth: 148
Public Info Code: Y 11-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3560 / 3443	DEF AT first sample examined	DEF AT 2
3561 / 3444	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4670 / 4481	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4850 / 4650	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
5150 / 4933	DEF AT faunal change (no faunal increase)	DEF AT 2
6230 / 5943	DEF AT faunal change (no faunal increase)	DEF AT 3
9850 / 9361	POS AT Eggerella sp. (local marker)	DEF AT 3
10420 / 9897	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11140 / 10569	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 485	Date of Summary: 14-SEP-1976	First Sample Examined: 4730
Lease Number: G02549	Source of Paleo: OPERATOR	Borehole MD: 12218
Well Name: A006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10615
API Well Number: 177024024900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 4730 - 9450	Water Depth: 148
Public Info Code: Y 23-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4730 / 4706	DEF AT first sample examined	DEF AT 3
4731 / 4707	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4950 / 4907	DEF AT faunal change (no faunal increase)	DEF AT 2
9450 / 8570	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 489	Date of Summary: 02-FEB-1983	First Sample Examined: 0
Lease Number: G04820	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8722
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8722
API Well Number: 177024072000	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3670 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5750 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7210 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8320 /	DEF AT local marker deep water fauna	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 490	Date of Summary: 30-SEP-1985	First Sample Examined: 1060
Lease Number: G04821	Source of Paleo: OPERATOR	Borehole MD: 7977
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7000
API Well Number: 177024088300	Drilling Operator: PLACID OIL COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 1060 - 7977	Water Depth: 132
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1060 / 1060	DEF AT first sample examined	DEF IN 2
1450 / 1449	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
4060 / 3762	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
4510 / 4133	DEF AT - - - - -	DEF AT 3
4570 / 4182	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5490 / 4934	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7900 / 6937	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7977 / 7002	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 491	Date of Summary: 05-DEC-1980	First Sample Examined: 0
Lease Number: G04198	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13834
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10437
API Well Number: 177024062700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 134
Public Info Code: Y 31-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1370 / 1370	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4070 / 3842	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5210 / 4607	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 492	Date of Summary: 12-OCT-1987	First Sample Examined: 0
Lease Number: G04771	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7675
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 7674
API Well Number: 177024072100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 141
Public Info Code: Y 31-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4390 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7360 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 500	Date of Summary: 13-NOV-1984	First Sample Examined: 4040
Lease Number: G05335	Source of Paleo: OPERATOR	Borehole MD: 15250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15250
API Well Number: 177024080000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 1 of 4	Sample Range: 4040 - 7760	Water Depth: 160
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 004

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4040 /	DEF AT first sample examined	DEF AT
4041 /	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5030 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
7370 /	DEF IN Upper Pliocene (Piacenzian) Discoaster tamalis	DEF AT
7760 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 500	Date of Summary: 13-NOV-1984	First Sample Examined: 7760
Lease Number: G05335	Source of Paleo: OPERATOR	Borehole MD: 15250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15250
API Well Number: 177024080000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 2 of 4	Sample Range: 7760 - 15250	Water Depth: 160
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS:	Paleo ID: 005

Remark: Company-integrated foram and nanno report for sidetrack

MD / TVD	Paleo Top Description	Ecozone
7760 /	DEF AT first sample examined	DEF AT
8660 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT
8930 /	DEF AT Lower Pliocene (Zanclian) Sphenolithus abies	DEF AT
9290 /	DEF AT Lower Pliocene (Zanclian) Reticulofenestra pseudoumbilica	DEF AT
9590 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT
10400 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT
10870 /	DEF AT Upper Miocene (Messinian) Discoaster quinquerramus	DEF AT
12110 /	DEF AT Upper Miocene (Messinian) Discoaster berggrenii	DEF AT
13070 /	DEF AT Upper Miocene (Tortonian) Discoaster bollii	DEF AT
13160 /	DEF AT Upper Miocene (Tortonian) Discoaster hamatus	DEF AT
13730 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT
13790 /	DEF AT Upper Miocene (Tortonian) Coccolithus miopelagicus	DEF AT
14060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT
14300 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroacuta	DEF AT
14660 /	DEF AT Middle Miocene (Serravallian) Sphenolithus heteromorphus	DEF AT
14690 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT
15250 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 500	Date of Summary: 19-FEB-1985	First Sample Examined: 4040
Lease Number: G05335	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15250
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15250
API Well Number: 177024080000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 3 of 4	Sample Range: 4040 - 7730	Water Depth: 160
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4040 /	DEF AT first sample examined	POS AT 2
4100 /	DEF AT gray shale	DEF AT 2
4130 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4370 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4400 /	DEF AT local marker foram decrease	DEF AT 2
5000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5540 /	DEF AT local marker foram decrease	DEF AT 2
5990 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 2
6080 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
6290 /	DEF AT local marker foram decrease	DEF IN 2
7340 /	DEF IN Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
7460 /	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF IN 2
7670 /	DEF AT local marker foram decrease	DEF IN 2
7700 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
7730 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 500	Date of Summary: 19-FEB-1985	First Sample Examined: 6560
Lease Number: G05335	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15250
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15250
API Well Number: 177024080000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 4 of 4	Sample Range: 6560 - 15250	Water Depth: 160
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6560 /	DEF AT first sample examined	DEF AT 3
6561 /	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
7280 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 3
7480 /	DEF AT local marker deep water fauna	DEF AT 4
7550 /	POS AT local marker planktic foram increase	DEF AT 4
7700 /	DEF AT local marker foram decrease	DEF IN 3
8060 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
8090 /	DEF AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8270 /	DEF IN Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8360 /	DEF AT local marker foram decrease	DEF IN 3
8450 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
8630 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
9260 /	DEF AT Lower Pliocene (Zanclian) Globigerina druryi / nepenthes "B"	DEF AT 6
9830 /	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
10460 /	DEF AT local marker foram decrease	DEF IN 5
10700 /	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 6
11030 /	POS AT Upper Miocene (Messinian) Globorotalia juanai	DEF IN 6
11180 /	DEF AT Eggerella sp. (local marker)	DEF AT 6
11210 /	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 6
11270 /	DEF IN Upper Miocene (Tortonian) Bigenerina irregularis / 6	DEF AT 6
11510 /	POS AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 6
11600 /	POS AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 500	Date of Summary: 19-FEB-1985	First Sample Examined: 6560
Lease Number: G05335	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 15250
Well Name: 001	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 15250
API Well Number: 177024080000	Drilling Operator: UNION OIL COMPANY OF CALIFORNIA	Rkb Elevation: 98
Paleo Report Num: 4 of 4	Sample Range: 6560 - 15250	Water Depth: 160
Public Info Code: Y 22-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
12170 /	POS IN Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
12710 /	DEF AT local marker deep water fauna	DEF AT 7
12980 /	DEF AT local marker planktic foram increase	DEF AT 7
13040 /	POS IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 6
13250 /	DEF AT local marker planktic foram increase	DEF AT 6
13400 /	DEF AT foram flood	DEF AT 6
13430 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 7
13580 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 7
14060 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 6
14090 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 6
14270 /	POS AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 6
14630 /	POS IN Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF IN 6
14750 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF IN 6
14810 /	DEF AT Middle Miocene (Serravallian) Cristellaria "I"	DEF IN 6
15250 /	DEF AT last sample examined	DEF IN 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 504	Date of Summary: 05-APR-1971	First Sample Examined: 1000
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 8657
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8657
API Well Number: 177024000100	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8652	Water Depth: 140
Public Info Code: Y 25-APR-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
1558 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
3309 /	DEF AT sample gap top	POS AT 1
3575 /	DEF AT sample gap bottom	DEF AT 1
3795 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4986 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
8652 /	DEF AT last sample examined	DEF AT 1

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Start Date: 01-JAN-1947

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Area Block: WC 504	Date of Summary: 13-APR-1971	First Sample Examined: 1000
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 6848
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6848
API Well Number: 177024000800	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6858	Water Depth: 140
Public Info Code: Y 05-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
4222 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
4573 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 1
4574 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
4790 /	DEF AT sandstone	DEF AT 1
6858 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 504	Date of Summary: 21-APR-1971	First Sample Examined: 680
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 9751
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9751
API Well Number: 177024001500	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 680 - 9751	Water Depth: 140
Public Info Code: Y 16-MAY-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
680 /	DEF AT first sample examined	DEF AT 1
1669 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1670 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4138 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5116 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
9511 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 2
9751 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 504	Date of Summary: 05-JUL-1971	First Sample Examined: 680
Lease Number: G02006	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9751
Well Name: 003	Paleo Done By: LEE LATTA	Borehole TVD: 9751
API Well Number: 177024001500	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 680 - 9751	Water Depth: 140
Public Info Code: Y 16-MAY-1973	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
680 /	DEF AT first sample examined	POS IN 1
1400 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 1
1625 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1850 /	DEF AT pyrite	DEF AT 2
3126 /	DEF AT pyrite	DEF AT 2
4137 /	DEF AT glauconite	DEF AT 2
4138 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4490 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
5116 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
5248 /	DEF AT pyrite	DEF AT 3
6084 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
6260 /	DEF AT local marker foram decrease	DEF AT 3
8088 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
8416 /	DEF AT pyrite	DEF AT 4
9511 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
9731 /	DEF AT local marker foram decrease	DEF AT 4
9751 /	DEF AT last sample examined	DEF AT 4

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End Date: 31-DEC-1987

Area Block: WC 504	Date of Summary: 19-MAY-1971	First Sample Examined: 1000
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 7052
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7052
API Well Number: 177024001900	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 1000 - 7098	Water Depth: 140
Public Info Code: Y 04-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	DEF AT 1
4076 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
5000 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
7098 /	DEF AT last sample examined	DEF AT 1

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End Date: 31-DEC-1987

Area Block: WC 504	Date of Summary: 30-NOV-1971	First Sample Examined: 1000
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 6950
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6950
API Well Number: 177024003000	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1000 - 6923	Water Depth: 155
Public Info Code: Y 06-DEC-1981	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 /	DEF AT first sample examined	DEF AT
4300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5020 /	DEF AT local marker benthic foram increase	DEF AT
6923 /	DEF AT last sample examined	DEF AT

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Area Block: WC 504	Date of Summary: 22-DEC-1971	First Sample Examined: 1000
Lease Number: G02006	Source of Paleo: OPERATOR	Borehole MD: 8808
Well Name: 006	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8444
API Well Number: 177024003300	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1000 - 8812	Water Depth: 155
Public Info Code: Y 26-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 1
1980 / 1968	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
4644 / 4431	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6603 / 6248	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 1
8240 / 7873	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2
8812 /	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 504	Date of Summary: 27-AUG-1976	First Sample Examined: 0
Lease Number: G02006	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10759
Well Name: 007	Paleo Done By: OPERATOR	Borehole TVD: 8903
API Well Number: 177024036000	Drilling Operator: OIL AND GAS FUTURES INC.	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 140
Public Info Code: Y 25-AUG-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1500 / 1500	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4370 / 4078	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10530 / 8723	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10664 / 8828	DEF AT salt	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 505	Date of Summary: 21-JAN-1986	First Sample Examined: 4710
Lease Number: G05337	Source of Paleo: OPERATOR	Borehole MD: 18500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 18500
API Well Number: 177024079300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 1 of 3	Sample Range: 4710 - 18500	Water Depth: 138
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
4710 /	DEF AT first sample examined	DEF AT 2
5700 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7600 /	DEF AT - - - - -	DEF AT 1
9450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
10100 /	DEF AT - - - - -	DEF AT 3
12100 /	DEF AT - - - - -	DEF AT 2
12300 /	DEF AT - - - - -	DEF AT 3
13000 /	DEF AT - - - - -	DEF AT 1
13500 /	DEF AT Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 5
15660 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 5
16900 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
17500 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
17700 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 5
18150 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 5
18500 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 505	Date of Summary: 26-MAR-1986	First Sample Examined: 4710
Lease Number: G05337	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18500
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 18500
API Well Number: 177024079300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 4710 - 18500	Water Depth: 138
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4710 /	DEF AT first sample examined	POS AT 1
4711 /	DEF AT cement	POS AT 1
4830 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5700 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6630 /	DEF AT local marker foram decrease	DEF AT 2
7290 /	DEF AT local marker benthic foram increase	DEF AT 2
8040 /	DEF AT local marker foram decrease	DEF AT 2
9360 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
10170 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
13470 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13500 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13560 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
13590 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
13650 /	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
13710 /	DEF IN Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
13890 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
13920 /	DEF AT faunal change (no faunal increase)	DEF AT 6
14040 /	DEF AT local marker foram decrease	DEF AT 6
15660 /	DEF AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 6
15960 /	DEF AT Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT 6
16120 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 6
16260 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 6

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 505	Date of Summary: 26-MAR-1986	First Sample Examined: 4710
Lease Number: G05337	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 18500
Well Name: 002	Paleo Done By: ANTON FRIEDMANN	Borehole TVD: 18500
API Well Number: 177024079300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 2 of 3	Sample Range: 4710 - 18500	Water Depth: 138
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

MD / TVD	Paleo Top Description	Ecozone
16800 /	DEF AT Upper Miocene (Tortonian) Globoquadrina dehiscens	DEF AT 6
16950 /	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 6
17100 /	POS AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 6
17310 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi lobata	DEF AT 5
17490 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi fohsi	DEF AT 5
17970 /	DEF AT Middle Miocene (Serravallian) Globorotalia peripheroronda	DEF AT 6
18030 /	DEF AT local marker foram decrease	DEF AT 6
18210 /	DEF AT Middle Miocene (Serravallian) Praeorbulina glomerosa	DEF AT 6
18300 /	DEF AT foram flood	DEF AT 6
18500 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 505	Date of Summary: 11-JAN-1991	First Sample Examined: 4710
Lease Number: G05337	Source of Paleo: OPERATOR	Borehole MD: 18500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 18500
API Well Number: 177024079300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 98
Paleo Report Num: 3 of 3	Sample Range: 4710 - 18500	Water Depth: 138
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS:	Paleo ID: 003

Remark: Calcareous nannofossil report

MD / TVD	Paleo Top Description	Ecozone
4710 /	DEF AT first sample examined	DEF AT
5220 /	DEF IN Lower Pleistocene (Calabrian) Calcidiscus macintyreii	DEF AT
5820 /	DEF AT Upper Pliocene (Gelasian) Discoaster brouweri	DEF AT
10740 /	DEF AT Upper Pliocene (Gelasian) Discoaster pentaradiatus	DEF AT
13500 /	POS AT gouge	DEF AT
14010 /	DEF AT salt	DEF AT
15639 /	DEF AT base of salt	DEF AT
15640 /	POS IN Miocene	DEF AT
18500 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 507	Date of Summary: 13-JUL-1977	First Sample Examined: 4250
Lease Number: G03384	Source of Paleo: OPERATOR	Borehole MD: 13292
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13292
API Well Number: 177024042500	Drilling Operator: HUNT PETROLEUM (AEC) INC	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 4250 - 13292	Water Depth: 152
Public Info Code: Y 31-DEC-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4250 /	DEF AT first sample examined	DEF AT 3
4430 /	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
11990 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13292 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 508	Date of Summary: 23-JUN-1982	First Sample Examined: 4000
Lease Number: G03522	Source of Paleo: OPERATOR	Borehole MD: 9011
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9011
API Well Number: 177024071900	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 4000 - 9010	Water Depth: 154
Public Info Code: Y 23-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 2
4001 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4239 /	DEF AT glauconite	DEF AT 3
4240 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6100 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6610 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
6730 /	DEF AT - - - -	DEF AT 2
8410 /	DEF AT poor sample interval top	DEF AT
9009 /	DEF AT poor sample interval bottom	DEF AT
9010 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 06-SEP-1971	First Sample Examined: 435
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13028
API Well Number: 177024000400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 435 - 7730	Water Depth: 167
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
435 / 435	DEF AT first sample examined	POS AT 1
495 / 495	DEF AT local marker benthic foram increase	DEF AT 1
555 / 555	DEF AT local marker foram decrease	POS AT 1
915 / 915	DEF AT faunal change (no faunal increase)	DEF IN 1
975 / 975	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1095 / 1095	DEF AT local marker foram decrease	POS AT 2
1235 / 1235	DEF AT miliolid limestone	DEF AT 1
1475 / 1475	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1685 / 1685	DEF AT local marker foram decrease	DEF AT 1
1745 / 1745	DEF AT local marker benthic foram increase	DEF AT 2
1985 / 1985	DEF AT local marker foram decrease	POS AT 2
2195 / 2195	DEF AT faunal change (no faunal increase)	DEF AT 1
2365 / 2365	POS AT local marker benthic foram increase	DEF AT 2
2605 / 2605	DEF AT faunal change (no faunal increase)	DEF AT 1
2785 / 2785	DEF AT local marker foram decrease	POS AT 1
3055 / 3055	DEF AT local marker benthic foram increase	DEF AT 2
3145 / 3145	DEF AT faunal change (no faunal increase)	DEF AT 1
3445 / 3445	DEF AT faunal change (no faunal increase)	DEF AT 2
3595 / 3595	DEF AT faunal change (no faunal increase)	DEF AT 1
3655 / 3655	POS AT local marker benthic foram increase	DEF AT 2
4292 / 4292	POS IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
4446 / 4446	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 2

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End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 06-SEP-1971	First Sample Examined: 435
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13028
API Well Number: 177024000400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 435 - 7730	Water Depth: 167
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4606 / 4606	DEF AT faunal change (no faunal increase)	DEF AT 2
4886 / 4886	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6137 / 6137	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
6168 / 6168	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6500 / 6500	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
6710 / 6710	DEF AT faunal change (no faunal increase)	DEF IN 2
6860 / 6860	DEF AT faunal change (no faunal increase)	DEF AT 2
6920 / 6920	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
7040 / 7040	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
7070 / 7070	DEF AT faunal change (no faunal increase)	DEF AT 2
7130 / 7130	POS AT local marker foram increase	DEF IN 2
7280 / 7280	POS AT local marker foram decrease	DEF AT 2
7340 / 7340	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
7370 / 7370	DEF AT local marker foram decrease	DEF AT 2
7400 / 7400	DEF AT faunal change (no faunal increase)	DEF IN 2
7430 / 7430	DEF AT local marker foram decrease	DEF AT 2
7520 / 7520	DEF AT local marker foram increase	DEF IN 2
7550 / 7550	DEF AT Cyclamina cancellata (local marker)	DEF IN 2
7580 / 7580	DEF AT local marker benthic foram increase	DEF IN 2
7640 / 7640	POS AT local marker foram decrease	DEF AT 2
7700 / 7700	DEF AT local marker benthic foram increase	DEF AT 3
7730 / 7730	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 11-SEP-1971	First Sample Examined: 6020
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13028
API Well Number: 177024000400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 6020 - 13995	Water Depth: 167
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 6020	DEF AT first sample examined	DEF AT 3
6021 / 6021	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
6022 / 6022	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6110 / 6110	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
6200 / 6200	DEF AT local marker benthic foram increase	DEF AT 2
6340 / 6340	DEF AT local marker foram decrease	POS AT 2
6430 / 6430	DEF AT local marker benthic foram increase	DEF AT 3
6460 / 6460	DEF AT local marker foram decrease	DEF AT 2
6520 / 6520	POS AT local marker planktic foram increase	DEF AT 3
6580 / 6580	DEF AT local marker foram decrease	DEF IN 2
6730 / 6730	DEF AT faunal change (no faunal increase)	DEF AT 2
7470 / 7470	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 2
7560 / 7560	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 3
7590 / 7590	POS AT local marker foram decrease	DEF IN 2
7650 / 7650	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 2
7680 / 7680	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
7760 / 7760	POS AT local marker foram decrease	DEF AT 2
7790 / 7790	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 2
7820 / 7820	POS AT local marker foram decrease	DEF AT 2
8660 / 8660	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
8690 / 8690	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8750 / 8750	POS AT local marker foram decrease	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 11-SEP-1971	First Sample Examined: 6020
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13028
API Well Number: 177024000400	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 6020 - 13995	Water Depth: 167
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8780 / 8780	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF IN 2
9060 / 9060	DEF AT local marker benthic foram increase	DEF AT 3
9180 / 9180	POS AT Cyclamina cancellata (local marker)	DEF AT 4
9210 / 9210	POS AT local marker foram decrease	DEF AT 3
9240 / 9239	DEF AT faunal change (no faunal increase)	DEF IN 2
9580 / 9563	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
9610 / 9591	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF IN 3
9670 / 9647	POS AT local marker foram decrease	DEF AT 3
9790 / 9759	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
9820 / 9788	DEF AT faunal change (no faunal increase)	DEF AT 3
10300 / 10227	POS AT local marker foram decrease	DEF IN 2
10390 / 10305	DEF AT local marker foram decrease	POS IN 2
10945 / 10765	DEF AT local marker benthic foram increase	DEF IN 2
11305 / 11060	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11635 / 11331	DEF AT local marker foram decrease	DEF AT 2
11955 / 11593	DEF AT Arenaceous fauna (local marker)	DEF IN 2
12195 / 11790	DEF AT local marker foram increase	DEF IN 2
12225 / 11815	DEF AT Arenaceous fauna (local marker)	DEF AT 3
12495 / 12037	DEF AT Bathysiphon fauna	DEF AT 4
12525 / 12062	POS AT local marker foram decrease	DEF AT 3
12585 / 12111	DEF AT local marker foram decrease	DEF IN 2
13305 / 12703	DEF AT local marker benthic foram increase	DEF AT 3
13995 / 13269	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 08-MAY-1972	First Sample Examined: 3800
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10625
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10625
API Well Number: 177024002000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 3800 - 10625	Water Depth: 167
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3800 /	DEF AT first sample examined	POS AT 2
3801 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	POS AT 2
4850 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5030 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5930 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2
6020 /	DEF AT local marker foram decrease	DEF IN 2
6340 /	DEF AT local marker benthic foram increase	DEF AT 3
7450 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7630 /	DEF AT glauconite	DEF AT 4
9070 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
9100 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9400 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
9459 /	DEF AT Bathysiphon fauna	DEF AT 5
9460 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
9490 /	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
9550 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 6
9790 /	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF AT 6
9910 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 6
10030 /	DEF AT Eggerella sp. (local marker)	DEF AT 6
10240 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
10360 /	DEF AT Bathysiphon fauna	DEF AT 6
10570 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 08-MAY-1972	First Sample Examined: 3800
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10625
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 10625
API Well Number: 177024002000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 3800 - 10625	Water Depth: 167
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10625 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 07-NOV-1972	First Sample Examined: 4025
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11416
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 10685
API Well Number: 177024006100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 4025 - 11410	Water Depth: 158
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4025 / 3811	DEF AT first sample examined	POS AT 2
4026 / 3812	DEF AT cement	POS AT 2
4475 / 4225	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4505 / 4252	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
4525 / 4270	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4625 / 4361	DEF AT local marker foram decrease	DEF AT 2
5585 / 5219	DEF AT pyrite	DEF AT 2
6005 / 5599	DEF AT local marker benthic foram increase	DEF AT 2
6065 / 5654	DEF AT local marker foram increase	DEF IN 2
6215 / 5790	POS AT local marker foram decrease	DEF AT 2
6815 / 6342	POS IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 2
7115 / 6622	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8285 / 7726	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF IN 2
8525 / 7954	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 2
8645 / 8067	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
8795 / 8209	DEF AT local marker foram decrease	POS AT 3
9275 / 8663	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 2
9725 / 9088	DEF AT local marker foram decrease	DEF IN 1
10025 / 9371	DEF AT local marker benthic foram increase	DEF AT 2
10445 / 9768	DEF AT Arenaceous fauna (local marker)	DEF IN 2
10600 / 9914	POS AT Cyclammina cancellata (local marker)	DEF AT 3
10660 / 9971	DEF AT Bathysiphon fauna	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 07-NOV-1972	First Sample Examined: 4025
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11416
Well Name: 003	Paleo Done By: WING GEE	Borehole TVD: 10685
API Well Number: 177024006100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 4025 - 11410	Water Depth: 158
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10900 / 10197	DEF AT pyrite	DEF IN 2
10960 / 10254	POS AT local marker foram decrease	DEF AT 2
11379 / 10650	DEF AT Bathysiphon fauna	DEF AT 3
11380 / 10651	DEF IN Cyclammina cancellata (local marker)	DEF AT 3
11410 / 10679	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 23-OCT-1972	First Sample Examined: 4834
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14034
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 11426
API Well Number: 177024006101	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 4834 - 14034	Water Depth: 158
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4834 / 4544	DEF AT first sample examined	POS AT 2
4835 / 4545	DEF AT cement	POS AT 2
4984 / 4672	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5044 / 4721	DEF AT faunal change (no faunal increase)	DEF IN 1
5834 / 5281	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
6334 / 5610	DEF AT local marker foram decrease	DEF AT 2
6784 / 5920	DEF AT local marker benthic foram increase	DEF AT 2
7414 / 6364	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
7564 / 6470	POS AT local marker foram increase	DEF IN 2
7654 / 6534	DEF AT local marker foram decrease	DEF AT 2
7745 / 6598	POS AT local marker foram increase	DEF IN 2
7985 / 6768	POS AT local marker foram decrease	DEF AT 2
9185 / 7593	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	POS IN 2
9605 / 7897	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9905 / 8117	DEF AT local marker foram decrease	DEF IN 2
10085 / 8251	DEF AT faunal change (no faunal increase)	DEF AT 2
11435 / 9278	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
11520 / 9343	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 3
11550 / 9366	DEF AT local marker foram decrease	DEF AT 2
11950 / 9674	DEF AT Bathysiphon fauna	DEF AT 3
12130 / 9815	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
12370 / 10008	DEF AT local marker foram decrease	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 23-OCT-1972	First Sample Examined: 4834
Lease Number: G02007	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14034
Well Name: A001	Paleo Done By: WING GEE	Borehole TVD: 11426
API Well Number: 177024006101	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 67
Paleo Report Num: 1 of 1	Sample Range: 4834 - 14034	Water Depth: 158
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
13000 / 10526	DEF AT Cyclamina cancellata (local marker)	DEF IN 3
13030 / 10551	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
13090 / 10601	DEF AT Arenaceous fauna (local marker)	DEF IN 3
13120 / 10627	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 4
13150 / 10652	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 4
13209 / 10702	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF IN 4
13210 / 10703	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF IN 4
13240 / 10728	POS AT local marker foram decrease	DEF AT 4
13540 / 10983	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13660 / 11086	DEF AT local marker foram increase	DEF IN 4
13900 / 11295	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 4
13990 / 11373	POS AT local marker foram decrease	DEF AT 4
14034 / 11412	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 20-MAR-1976	First Sample Examined: 6910
Lease Number: G02007	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9388
Well Name: B005	Paleo Done By: OPERATOR	Borehole TVD: 7995
API Well Number: 177024028300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3360 - 9380	Water Depth: 175
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8350 / 7022	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8530 / 7192	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
8740 / 7390	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 08-MAY-1981	First Sample Examined: 0
Lease Number: G02007	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11005
Well Name: B007	Paleo Done By: OPERATOR	Borehole TVD: 8583
API Well Number: 177024061000	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 08-JUN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5960 / 5126	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8030 / 6499	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
8280 / 6668	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT
9218 / 7295	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10565 / 8278	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 513	Date of Summary: 21-MAY-1986	First Sample Examined: 0
Lease Number: G03385	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11711
Well Name: B008	Paleo Done By: OPERATOR	Borehole TVD: 9160
API Well Number: 177024061700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 175
Public Info Code: Y 12-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9200 / 6948	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9580 / 7274	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10750 / 8319	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 515	Date of Summary: 04-NOV-1986	First Sample Examined: 0
Lease Number: G05341	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8976
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8945
API Well Number: 177024090300	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 09-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4380 / 4379	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8070 / 8041	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 521	Date of Summary: 10-MAY-1972	First Sample Examined: 1113
Lease Number: G02008	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 7536
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 7536
API Well Number: 177024005700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1113 - 7536	Water Depth: 157
Public Info Code: Y 30-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1113 /	DEF AT first sample examined	DEF IN 2
1594 /	DEF AT sample gap top	POS IN 2
2208 /	DEF AT sample gap bottom	DEF AT 2
3210 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4839 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5135 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6150 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
6283 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
6692 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 3
6724 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
6744 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7026 /	DEF AT Bathysiphon fauna	DEF AT 5
7404 /	POS AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
7536 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 528	Date of Summary: 07-APR-1986	First Sample Examined: 0
Lease Number: G03385	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8876
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8719
API Well Number: 177024087400	Drilling Operator: WALTER OIL & GAS CORPORATION	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 176
Public Info Code: Y 12-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7480 / 7324	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 531	Date of Summary: 03-APR-1973	First Sample Examined: 628
Lease Number: G02223	Source of Paleo: OPERATOR	Borehole MD: 9000
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9000
API Well Number: 177024009300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 628 - 9000	Water Depth: 173
Public Info Code: Y 02-MAY-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
628 /	DEF AT first sample examined	DEF AT 2
2658 /	DEF AT - - - - -	DEF IN 1
2922 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5463 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
6483 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7450 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
7716 /	DEF AT - - - - -	DEF AT 3
9000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 531	Date of Summary: 11-JUN-1973	First Sample Examined: 3002
Lease Number: G02223	Source of Paleo: OPERATOR	Borehole MD: 13288
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13288
API Well Number: 177024011000	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 3002 - 13286	Water Depth: 175
Public Info Code: Y 14-JUN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3002 /	DEF AT first sample examined	DEF AT 2
4317 /	DEF AT - - - - -	DEF AT 3
4361 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4749 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5680 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
11713 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12217 /	DEF AT - - - - -	DEF AT 3
12752 /	DEF AT - - - - -	DEF AT 4
13191 /	DEF AT - - - - -	DEF AT 5
13286 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

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End Date: 31-DEC-1987

Area Block: WC 531	Date of Summary: 03-OCT-1973	First Sample Examined: 3035
Lease Number: G02223	Source of Paleo: OPERATOR	Borehole MD: 9883
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8556
API Well Number: 177024011900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3035 - 9868	Water Depth: 172
Public Info Code: Y 17-OCT-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3035 / 2967	DEF AT first sample examined	DEF IN 2
3320 / 3213	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
4664 / 4383	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4974 / 4650	DEF AT - - - - -	DEF IN 2
5817 / 5375	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6016 / 5547	DEF AT - - - - -	DEF AT 3
9868 / 8554	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 531	Date of Summary: 31-OCT-1973	First Sample Examined: 3207
Lease Number: G02223	Source of Paleo: OPERATOR	Borehole MD: 8391
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6567
API Well Number: 177024014900	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 3207 - 8391	Water Depth: 172
Public Info Code: Y 11-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3207 / 3004	DEF AT first sample examined	POS AT 2
3208 / 3005	DEF AT cement	POS AT 2
3209 / 3006	POS IN Lower Pleistocene (Calabrian) Angulogerina magna	POS AT 2
3297 / 3069	DEF AT - - - - -	DEF AT 2
5008 / 4288	DEF AT - - - - -	DEF IN 2
5270 / 4472	DEF AT - - - - -	DEF AT 2
5842 / 4863	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7645 / 6071	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
7646 / 6072	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
7910 / 6255	DEF AT faunal change (no faunal increase)	DEF AT 3
8391 / 6590	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 531	Date of Summary: 05-AUG-1974	First Sample Examined: 2920
Lease Number: G02223	Source of Paleo: OPERATOR	Borehole MD: 7395
Well Name: 005	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 7395
API Well Number: 177024017600	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 2920 - 7320	Water Depth: 170
Public Info Code: Y 19-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2920 /	DEF AT first sample examined	DEF IN 2
4515 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
4823 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4953 /	DEF AT - - - - -	DEF IN 2
5878 /	DEF AT - - - - -	DEF AT 3
6053 /	POS AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
6229 /	DEF AT - - - - -	DEF IN 2
6715 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7102 /	DEF AT local white Arenacous fauna	DEF AT 3
7103 /	POS AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 3
7320 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 531	Date of Summary: 08-MAR-1976	First Sample Examined: 3176
Lease Number: G02223	Source of Paleo: OPERATOR	Borehole MD: 10405
Well Name: A003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9661
API Well Number: 177024031300	Drilling Operator: FOREST OIL CORPORATION	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 3176 - 10405	Water Depth: 175
Public Info Code: Y 09-MAR-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3176 / 3030	DEF AT first sample examined	DEF AT
4649 / 4386	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4650 / 4387	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT
4794 / 4519	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT
4987 / 4696	DEF AT sample gap top	DEF AT
5706 / 5364	DEF AT sample gap bottom	DEF AT
6425 / 6000	DEF AT sample gap top	DEF AT
6675 / 6222	DEF AT sample gap bottom	DEF AT
10405 / 9662	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 532	Date of Summary: 22-AUG-1984	First Sample Examined: 430
Lease Number: G02224	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10000
API Well Number: 177024010800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 57
Paleo Report Num: 1 of 2	Sample Range: 430 - 10000	Water Depth: 173
Public Info Code: Y 22-MAY-1975	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
430 /	DEF AT first sample examined	DEF AT 1
850 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1100 /	DEF AT cement	POS AT 2
1190 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1520 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 2
1580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
1820 /	DEF AT cement	POS AT 2
2210 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2330 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2810 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3110 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3260 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4000 /	DEF AT cement	POS AT 1
4120 /	DEF AT faunal change (no faunal increase)	DEF AT 1
4960 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5350 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5530 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5560 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
5710 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5950 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6070 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8260 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 532	Date of Summary: 22-AUG-1984	First Sample Examined: 430
Lease Number: G02224	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10000
API Well Number: 177024010800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 57
Paleo Report Num: 1 of 2	Sample Range: 430 - 10000	Water Depth: 173
Public Info Code: Y 22-MAY-1975	Ecozone Eq MMS:	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
8530 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8800 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9070 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9220 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9670 /	DEF AT drilling material	POS AT 2
9850 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
10000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 532	Date of Summary: 18-SEP-1984	First Sample Examined: 1640
Lease Number: G02224	Source of Paleo: OPERATOR	Borehole MD: 10000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177024010800	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 57
Paleo Report Num: 2 of 2	Sample Range: 1640 - 9970	Water Depth: 173
Public Info Code: Y 22-MAY-1983	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1640 /	DEF AT first sample examined	DEF AT
1641 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8530 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9970 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 537	Date of Summary: 24-OCT-1984	First Sample Examined: 440
Lease Number: G02551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12000
API Well Number: 177024022400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 440 - 12000	Water Depth: 186
Public Info Code: Y 05-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
440 /	DEF AT first sample examined	DEF AT 2
560 /	DEF AT shell fragments	DEF AT 1
960 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1110 /	DEF AT cement	POS AT 1
1260 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1440 /	POS AT glauconite	DEF AT 1
3000 /	DEF AT faunal change (no faunal increase)	DEF AT 2
3330 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3390 /	DEF AT faunal change (no faunal increase)	DEF AT 1
5670 /	DEF AT local marker benthic foram increase	DEF AT 2
5760 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
5970 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6030 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
7230 /	DEF AT faunal change (no faunal increase)	DEF AT 2
8279 /	DEF AT Bathysiphon fauna	DEF AT 3
8280 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
8490 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8550 /	DEF AT poor sample interval top	POS AT 3
8670 /	DEF AT faunal change (no faunal increase)	DEF AT 1
8970 /	DEF AT faunal change (no faunal increase)	DEF AT 2
9270 /	DEF AT cement	DEF AT 2
9330 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 537	Date of Summary: 24-OCT-1984	First Sample Examined: 440
Lease Number: G02551	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 12000
API Well Number: 177024022400	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 440 - 12000	Water Depth: 186
Public Info Code: Y 05-MAR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
9570 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9780 /	DEF AT faunal change (no faunal increase)	DEF AT 1
9870 /	DEF AT cement	POS AT 1
10200 /	DEF AT Bathysiphon fauna	DEF IN 2
10560 /	DEF AT faunal change (no faunal increase)	DEF AT 1
11040 /	DEF AT faunal change (no faunal increase)	DEF AT 2
11100 /	DEF AT faunal change (no faunal increase)	DEF AT 1
11999 /	DEF AT poor sample interval bottom	DEF AT 1
12000 /	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 540	Date of Summary: 07-MAR-1979	First Sample Examined: 5000
Lease Number: G02797	Source of Paleo: OPERATOR	Borehole MD: 9947
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6536
API Well Number: 177024053100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 5000 - 9947	Water Depth: 184
Public Info Code: Y 22-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5000 / 3549	DEF AT first sample examined	DEF IN 3
5210 / 3684	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9290 / 6071	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
9350 / 6111	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
9947 / 6545	DEF AT last sample examined	DEF IN 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 05-AUG-1972	First Sample Examined: 910
Lease Number: G02011	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8100
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8087
API Well Number: 177024005600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 910 - 7800	Water Depth: 183
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
910 / 910	DEF AT first sample examined	DEF IN 1
911 / 911	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF IN 1
1840 / 1840	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2026 / 2026	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 1
2119 / 2119	DEF AT local marker foram decrease	DEF AT 1
3320 / 3320	DEF AT local marker benthic foram increase	DEF AT 2
3570 / 3570	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 2
3720 / 3720	POS AT local marker foram decrease	DEF IN 1
4110 / 4110	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4200 / 4200	DEF AT local marker foram decrease	DEF IN 1
4320 / 4320	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
4410 / 4410	DEF AT local marker foram decrease	DEF IN 1
4830 / 4829	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5760 / 5759	DEF AT local marker foram decrease	DEF IN 1
5850 / 5849	DEF AT faunal change (no faunal increase)	DEF AT 2
6360 / 6358	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 2
6630 / 6627	DEF AT faunal change (no faunal increase)	DEF AT 2
6930 / 6926	DEF AT local marker benthic foram increase	DEF AT 2
7320 / 7315	DEF AT local marker foram decrease	DEF IN 1
7530 / 7524	DEF AT local marker benthic foram increase	DEF AT 2
7620 / 7614	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7650 / 7644	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 05-AUG-1972	First Sample Examined: 910
Lease Number: G02011	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8100
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8087
API Well Number: 177024005600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 2	Sample Range: 910 - 7800	Water Depth: 183
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7740 / 7733	DEF IN local marker planktic foram increase	DEF AT 3
7800 / 7793	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 07-AUG-1972	First Sample Examined: 3350
Lease Number: G02011	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8100
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8087
API Well Number: 177024005600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 2 of 2	Sample Range: 3350 - 8100	Water Depth: 183
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 / 3350	DEF AT first sample examined	DEF AT 2
3351 / 3351	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3470 / 3470	DEF AT local marker foram decrease	DEF IN 1
3770 / 3770	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
3800 / 3800	DEF AT local marker foram decrease	DEF IN 1
4160 / 4160	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 1
4310 / 4310	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4460 / 4460	DEF AT faunal change (no faunal increase)	DEF IN 1
4490 / 4490	DEF AT local marker foram decrease	DEF AT 1
4700 / 4700	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5780 / 5779	DEF AT local marker foram decrease	DEF IN 1
6050 / 6048	DEF AT faunal change (no faunal increase)	DEF AT 2
6200 / 6198	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
6350 / 6348	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6410 / 6407	POS AT local marker foram decrease	DEF IN 2
6470 / 6467	DEF AT local marker foram decrease	DEF AT 2
7549 / 7543	POS AT reworked material	DEF AT 2
7550 / 7544	DEF AT Arenaceous fauna (local marker)	DEF AT 2
7730 / 7724	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
7759 / 7752	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
7760 / 7753	DEF AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 3
7790 / 7783	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 07-AUG-1972	First Sample Examined: 3350
Lease Number: G02011	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8100
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 8087
API Well Number: 177024005600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 2 of 2	Sample Range: 3350 - 8100	Water Depth: 183
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7830 / 7823	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
8070 / 8062	DEF AT local marker planktic foram increase	DEF AT 2
8100 / 8092	DEF AT last sample examined	DEF AT 2

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 02-JAN-1976	First Sample Examined: 1510
Lease Number: G02011	Source of Paleo: OPERATOR	Borehole MD: 9800
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9800
API Well Number: 177024007000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1510 - 9800	Water Depth: 183
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Paleobathymetry from phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1510 /	DEF AT first sample examined	DEF IN 2
2020 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4840 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
7570 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9800 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 10-AUG-1975	First Sample Examined: 0
Lease Number: G02011	Source of Paleo: OPERATOR	Borehole MD: 10400
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10030
API Well Number: 177024005601	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5730 / 5660	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8280 / 8072	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10040 / 9692	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 544	Date of Summary: 06-DEC-1974	First Sample Examined: 0
Lease Number: G02011	Source of Paleo: OPERATOR	Borehole MD: 7872
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 7872
API Well Number: 177024008000	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 184
Public Info Code: Y 11-DEC-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7450 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 547	Date of Summary: 11-DEC-1981	First Sample Examined: 0
Lease Number: G04408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11435
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10000
API Well Number: 177024066100	Drilling Operator: TEXACO INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 09-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3454 / 3256	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5720 / 5195	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7300 / 6592	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10400 / 9193	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 547	Date of Summary: 22-JUL-1982	First Sample Examined: 0
Lease Number: G04408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10042
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7419
API Well Number: 177024069700	Drilling Operator: TEXACO INC	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 09-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5720 / 4630	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8090 / 6262	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10280 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 547	Date of Summary: 07-DEC-1983	First Sample Examined: 0
Lease Number: G04408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8342
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 6643
API Well Number: 177024076400	Drilling Operator: TEXACO INC	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 09-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: In=sand

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3910 / 3497	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6510 / 5327	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7976 / 6378	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 547	Date of Summary: 22-DEC-1983	First Sample Examined: 0
Lease Number: G04408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7560
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6248
API Well Number: 177024078800	Drilling Operator: TEXACO INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 09-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6400 / 5398	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 547	Date of Summary: 04-JAN-1984	First Sample Examined: 0
Lease Number: G04408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7927
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 7927
API Well Number: 177024078900	Drilling Operator: TEXACO INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 09-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5310 / 5309	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 547	Date of Summary: 10-MAY-1984	First Sample Examined: 0
Lease Number: G04408	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8198
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 6522
API Well Number: 177024079100	Drilling Operator: TEXACO INC	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 192
Public Info Code: Y 09-FEB-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6200 / 5121	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 548	Date of Summary: 16-NOV-1971	First Sample Examined: 1230
Lease Number: G02012	Source of Paleo: OPERATOR	Borehole MD: 13836
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13836
API Well Number: 177024000500	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 1230 - 13730	Water Depth: 149
Public Info Code: Y 27-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1230 /	DEF AT first sample examined	DEF IN 2
3090 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4800 /	DEF AT - - - - -	DEF AT 3
6180 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
8120 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8420 /	DEF AT - - - - -	DEF AT 4
8810 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13100 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
13280 /	DEF AT gouge	DEF AT 6
13580 /	DEF AT anhydrite	DEF AT
13730 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 548	Date of Summary: 12-JAN-1972	First Sample Examined: 3875
Lease Number: G02012	Source of Paleo: OPERATOR	Borehole MD: 13622
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13622
API Well Number: 177024003800	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 3875 - 13612	Water Depth: 149
Public Info Code: Y 27-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3875 /	DEF AT first sample examined	DEF IN 2
4890 /	DEF AT - - - - -	DEF AT 3
7200 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7620 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7770 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
13110 /	DEF AT - - - - -	DEF AT 5
13612 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 548	Date of Summary: 05-SEP-1972	First Sample Examined: 1100
Lease Number: G02012	Source of Paleo: OPERATOR	Borehole MD: 7107
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7107
API Well Number: 177024007100	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 107
Paleo Report Num: 1 of 1	Sample Range: 1100 - 7120	Water Depth: 149
Public Info Code: Y 27-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF IN 2
1880 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4690 /	DEF AT - - - - -	DEF AT 3
6190 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7090 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
7120 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 561	Date of Summary: 21-MAY-1972	First Sample Examined: 2050
Lease Number: G02013	Source of Paleo: OPERATOR	Borehole MD: 9461
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9461
API Well Number: 177024002300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 70
Paleo Report Num: 1 of 1	Sample Range: 2050 - 9461	Water Depth: 148
Public Info Code: Y 26-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2050 /	DEF AT first sample examined	DEF AT
2051 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7020 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9461 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 561	Date of Summary: 18-AUG-1972	First Sample Examined: 1860
Lease Number: G02013	Source of Paleo: OPERATOR	Borehole MD: 9500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9500
API Well Number: 177024006700	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 1860 - 9500	Water Depth: 148
Public Info Code: Y 26-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1860 /	DEF AT first sample examined	DEF AT
1861 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5340 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9500 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 561	Date of Summary: 29-OCT-1972	First Sample Examined: 1850
Lease Number: G02013	Source of Paleo: OPERATOR	Borehole MD: 10005
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10005
API Well Number: 177024007500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 1850 - 10005	Water Depth: 148
Public Info Code: Y 26-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1850 /	DEF AT first sample examined	DEF AT
1851 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5370 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8790 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10005 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 561	Date of Summary: 28-DEC-1974	First Sample Examined: 3300
Lease Number: G02013	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 12000
API Well Number: 177024007900	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 3300 - 12000	Water Depth: 148
Public Info Code: Y 26-DEC-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark: Ecozones obtained via phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3300 /	DEF AT first sample examined	POS AT 1
3301 /	DEF IN cement	POS AT 1
3360 /	DEF AT - - - - -	DEF AT 1
5130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 1
6450 /	DEF AT cement	POS AT 1
7260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7980 /	DEF AT - - - - -	DEF AT 1
11310 /	DEF AT - - - - -	DEF AT 2
11400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 2
11760 /	DEF AT - - - - -	DEF AT 3
12000 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 564	Date of Summary: 19-JAN-1972	First Sample Examined: 1230
Lease Number: G02014	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10195
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 10195
API Well Number: 177024003500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 2	Sample Range: 1230 - 10195	Water Depth: 195
Public Info Code: Y 10-NOV-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 /	DEF AT first sample examined	POS AT 1
1231 /	DEF AT cement	POS AT 1
1260 /	POS AT local marker benthic foram increase	DEF AT 1
1530 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1980 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2609 /	DEF IN Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 2
2610 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3000 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 2
3360 /	DEF AT pyrite	DEF AT 2
3449 /	DEF AT pyrite	DEF AT 2
3450 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
4420 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
4450 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4480 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 3
6040 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
9129 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9130 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
9250 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10195 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 564	Date of Summary: 02-NOV-1984	First Sample Examined: 1230
Lease Number: G02014	Source of Paleo: OPERATOR	Borehole MD: 10195
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10195
API Well Number: 177024003500	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 2 of 2	Sample Range: 1230 - 10195	Water Depth: 195
Public Info Code: Y 10-NOV-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1230 /	DEF AT first sample examined	DEF AT
3300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
8680 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
10195 /	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 564	Date of Summary: 09-JUL-1984	First Sample Examined: 470
Lease Number: G02014	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12735
Well Name: 003	Paleo Done By: ED COTTON	Borehole TVD: 12735
API Well Number: 177024011100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 470 - 12730	Water Depth: 193
Public Info Code: Y 06-JUN-1975	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
470 /	DEF AT first sample examined	DEF AT 2
950 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1730 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2120 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
2600 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2960 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4020 /	DEF AT cement	POS AT 3
5870 /	POS AT local marker deep water fauna	DEF AT 4
6380 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 4
6770 /	DEF AT cement	POS AT 4
8880 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9030 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9420 /	DEF AT cement	POS AT 4
9510 /	POS AT local marker foram increase	DEF AT 4
9990 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10410 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
10980 /	DEF AT drilling material	DEF AT 4
11230 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
11470 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11680 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
11799 /	DEF IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 564	Date of Summary: 09-JUL-1984	First Sample Examined: 470
Lease Number: G02014	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12735
Well Name: 003	Paleo Done By: ED COTTON	Borehole TVD: 12735
API Well Number: 177024011100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 470 - 12730	Water Depth: 193
Public Info Code: Y 06-JUN-1975	Ecozone Eq MMS:	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11800 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
12250 /	DEF AT Bathysiphon fauna	DEF AT 5
12490 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 5
12730 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 565	Date of Summary: 21-OCT-1972	First Sample Examined: 1370
Lease Number: G02015	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9010
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9010
API Well Number: 177024002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1370 - 8179	Water Depth: 195
Public Info Code: Y 18-MAR-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
1370 /	DEF AT first sample examined	POS IN 1
1371 /	DEF AT cement	POS IN 1
1570 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 1
1650 /	DEF AT local marker benthic foram increase	DEF AT 2
1690 /	POS AT local marker foram decrease	DEF IN 1
2756 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2889 /	DEF AT local marker foram decrease	DEF IN 1
3113 /	DEF AT pyrite	DEF IN 1
4555 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4645 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 2
4690 /	POS AT local marker foram decrease	DEF AT 2
4780 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4915 /	DEF AT local marker benthic foram increase	DEF AT 2
4955 /	DEF AT local marker foram decrease	DEF IN 1
6440 /	DEF AT local marker benthic foram increase	DEF AT 2
6620 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
6799 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 2
6889 /	DEF AT reworked material	DEF IN 2
7111 /	DEF AT local marker foram decrease	DEF AT 2
7910 /	DEF AT local marker benthic foram increase	DEF AT 2
7999 /	DEF AT local marker foram decrease	DEF AT 2
8179 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 565	Date of Summary: 29-OCT-1972	First Sample Examined: 7385
Lease Number: G02015	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9010
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 9010
API Well Number: 177024002700	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 7385 - 9010	Water Depth: 195
Public Info Code: Y 18-MAR-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
7385 /	DEF AT first sample examined	POS AT 2
7386 /	DEF AT cement	POS AT 2
8101 /	POS AT local marker benthic foram increase	POS AT 2
8117 /	DEF IN Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
8523 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8553 /	POS AT Upper Pliocene (Gelasian) Globorotalia pertenuis	DEF AT 2
8929 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8987 /	DEF IN local marker benthic foram increase	DEF AT 2
9010 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 565	Date of Summary: 18-OCT-1976	First Sample Examined: 4000
Lease Number: G02015	Source of Paleo: OPERATOR	Borehole MD: 14800
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14798
API Well Number: 177024036800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 4000 - 14800	Water Depth: 193
Public Info Code: Y 12-OCT-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	DEF AT
11530 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
14800 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 570	Date of Summary: 03-APR-1985	First Sample Examined: 4510
Lease Number: G05188	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12074
Well Name: A002	Paleo Done By: ED COTTON	Borehole TVD: 12064
API Well Number: 177024076100	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 4510 - 6760	Water Depth: 190
Public Info Code: Y 25-JUN-1985	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
4510 /	DEF AT first sample examined	DEF AT 1
5860 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6250 /	DEF AT local marker benthic foram increase	DEF AT 3
6340 /	DEF AT local marker deep water fauna	DEF AT 4
6430 /	DEF AT faunal change (no faunal increase)	DEF AT 3
6490 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
6700 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6760 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 571	Date of Summary: 01-MAY-1979	First Sample Examined: 0
Lease Number: G03767	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177024054500	Drilling Operator: KERR-MCGEE CORPORATION	Rkb Elevation: 83
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 16-SEP-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4150 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5500 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5560 /	DEF AT - - - - -	DEF AT 4
10150 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
10720 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
12340 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 571	Date of Summary: 17-JUN-1983	First Sample Examined: 1250
Lease Number: G03767	Source of Paleo: OPERATOR	Borehole MD: 8278
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8274
API Well Number: 177024057600	Drilling Operator: MARK PRODUCING INC	Rkb Elevation: 101
Paleo Report Num: 1 of 1	Sample Range: 1250 - 8270	Water Depth: 202
Public Info Code: Y 16-SEP-1983	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1250 /	DEF AT first sample examined	DEF IN 2
3650 /	DEF AT - - - - -	DEF AT 3
3920 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
8270 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 572	Date of Summary: 02-JUN-1972	First Sample Examined: 1130
Lease Number: G02017	Source of Paleo: OPERATOR	Borehole MD: 8830
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8830
API Well Number: 177024001000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1130 - 8810	Water Depth: 168
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1130 /	DEF AT first sample examined	DEF IN 2
1550 /	DEF AT - - - - -	DEF AT 3
2030 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5190 /	DEF AT sample gap top	POS AT 3
5310 /	DEF AT sample gap bottom	DEF AT 3
5460 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7290 /	DEF AT - - - - -	DEF AT 4
8810 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 572	Date of Summary: 19-MAR-1976	First Sample Examined: 2000
Lease Number: G02017	Source of Paleo: OPERATOR	Borehole MD: 9740
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7384
API Well Number: 177024027600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 105
Paleo Report Num: 1 of 2	Sample Range: 2000 - 9810	Water Depth: 165
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
2000 / 2000	DEF AT first sample examined	DEF IN 3
2540 / 2531	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5130 / 4370	POS AT local marker foram increase	DEF IN 3
6750 / 5410	DEF AT local marker benthic foram increase	DEF IN 3
6900 / 5503	DEF AT - - - - -	DEF AT 4
7140 / 5653	DEF AT local marker benthic foram increase	DEF AT 4
7350 / 5785	DEF AT local marker foram decrease	DEF AT 4
8820 / 6753	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
9000 / 6879	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9359 / 7128	DEF AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 4
9360 / 7129	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9510 / 7232	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9660 / 7335	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 4
9720 / 7376	DEF AT Eggerella sp. (local marker)	DEF AT 4
9749 /	DEF AT pyrite	DEF AT 4
9750 /	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 0
9810 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 572	Date of Summary: 19-MAR-1976	First Sample Examined: 8500
Lease Number: G02017	Source of Paleo: OPERATOR	Borehole MD: 9740
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7384
API Well Number: 177024027600	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 105
Paleo Report Num: 2 of 2	Sample Range: 8500 - 9740	Water Depth: 165
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
8500 / 6526	DEF AT first sample examined	DEF AT 4
8900 / 6810	DEF AT - - - - -	DEF AT 3
8930 / 6831	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
9140 / 6976	DEF AT - - - - -	DEF AT 4
9170 / 6997	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9470 / 7205	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9740 / 7390	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 572	Date of Summary: 21-SEP-1977	First Sample Examined: 2040
Lease Number: G02017	Source of Paleo: OPERATOR	Borehole MD: 6465
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6465
API Well Number: 177024043800	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 94
Paleo Report Num: 1 of 1	Sample Range: 2040 - 6460	Water Depth: 165
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2040 /	DEF AT first sample examined	DEF IN 3
2640 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5260 /	DEF AT - - - -	DEF AT 4
5620 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6370 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
6460 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 575	Date of Summary: 05-JAN-1973	First Sample Examined: 0
Lease Number: G02018	Source of Paleo: OPERATOR	Borehole MD: 8407
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8407
API Well Number: 177024002200	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 169
Public Info Code: Y 10-FEB-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2080 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 575	Date of Summary: 15-MAY-1975	First Sample Examined: 2130
Lease Number: G02018	Source of Paleo: OPERATOR	Borehole MD: 7971
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7971
API Well Number: 177024007300	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 2130 - 7971	Water Depth: 169
Public Info Code: Y 10-FEB-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Paleobathymetry from phone conversation

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1800 /	DEF AT first sample examined	DEF AT 3
2130 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5650 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7850 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7971 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 575	Date of Summary: 20-OCT-1973	First Sample Examined: 0
Lease Number: G02018	Source of Paleo: OPERATOR	Borehole MD: 9005
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9005
API Well Number: 177024006600	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 81
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 169
Public Info Code: Y 10-FEB-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2050 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5120 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
7600 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
8270 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 580	Date of Summary: 07-OCT-1971	First Sample Examined: 920
Lease Number: G02020	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13728
Well Name: 004	Paleo Done By: WING GEE	Borehole TVD: 13728
API Well Number: 177024001700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 920 - 13681	Water Depth: 226
Public Info Code: Y 05-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
920 /	DEF AT first sample examined	POS AT 2
965 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1280 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1340 /	DEF AT faunal change (no faunal increase)	DEF AT 2
1460 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1955 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2045 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2225 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
2360 /	DEF AT local marker foram decrease	DEF AT 2
2405 /	DEF AT faunal change (no faunal increase)	DEF AT 1
2495 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2675 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3270 /	DEF AT miliolid limestone	DEF AT 2
3493 /	POS IN Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3494 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3495 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3720 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 2
3891 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 2
4536 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
5505 /	DEF AT local marker benthic foram increase	DEF AT 3
5547 /	DEF AT pyrite	DEF AT 2
5715 /	DEF AT faunal change (no faunal increase)	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 580	Date of Summary: 07-OCT-1971	First Sample Examined: 920
Lease Number: G02020	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13728
Well Name: 004	Paleo Done By: WING GEE	Borehole TVD: 13728
API Well Number: 177024001700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 920 - 13681	Water Depth: 226
Public Info Code: Y 05-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5804 /	DEF AT local marker benthic foram increase	DEF IN 2
6100 /	DEF AT local marker foram increase	DEF IN 3
6394 /	DEF AT local marker foram decrease	DEF AT 3
7005 /	DEF AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF AT 3
7155 /	DEF AT faunal change (no faunal increase)	DEF IN 3
7215 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
7245 /	DEF AT local marker planktic foram increase	DEF IN 3
7299 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 3
7390 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 2
7600 /	DEF AT local marker benthic foram increase	DEF IN 2
7660 /	DEF AT local marker foram decrease	DEF AT 2
9218 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 2
9405 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9466 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9497 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9527 /	POS AT local marker foram decrease	DEF IN 4
9557 /	DEF AT faunal change (no faunal increase)	DEF AT 5
9707 /	POS AT local marker foram decrease	DEF IN 4
9887 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
9947 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10120 /	DEF AT faunal change (no faunal increase)	DEF AT 3
10210 /	POS AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
10330 /	DEF AT local marker foram increase	DEF IN 3
10360 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 580	Date of Summary: 07-OCT-1971	First Sample Examined: 920
Lease Number: G02020	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13728
Well Name: 004	Paleo Done By: WING GEE	Borehole TVD: 13728
API Well Number: 177024001700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 40
Paleo Report Num: 1 of 1	Sample Range: 920 - 13681	Water Depth: 226
Public Info Code: Y 05-DEC-1975	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10643 /	POS AT local marker foram decrease	DEF AT 3
10690 /	DEF AT local marker benthic foram increase	DEF IN 3
10726 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11331 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11450 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
11550 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11963 /	DEF AT Arenaceous fauna (local marker)	DEF IN 3
12240 /	DEF AT poor sample interval top	POS AT 4
13680 /	DEF AT poor sample interval bottom	POS AT 4
13681 /	DEF AT last sample examined	POS AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 586	Date of Summary: 01-OCT-1973	First Sample Examined: 3880
Lease Number: G02436	Source of Paleo: OPERATOR	Borehole MD: 10380
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10380
API Well Number: 177024014700	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 3880 - 10350	Water Depth: 231
Public Info Code: Y 27-OCT-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3880 /	DEF AT first sample examined	DEF IN 3
4600 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10050 /	DEF AT - - - - -	DEF AT 5
10110 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
10350 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 586	Date of Summary: 27-NOV-1974	First Sample Examined: 2930
Lease Number: G02436	Source of Paleo: OPERATOR	Borehole MD: 10506
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 9407
API Well Number: 177024020800	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 103
Paleo Report Num: 1 of 1	Sample Range: 2930 - 10510	Water Depth: 238
Public Info Code: Y 14-DEC-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2930 / 2914	DEF AT first sample examined	DEF AT 3
2931 / 2915	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6050 / 5659	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
7580 / 6956	DEF AT - - - - -	DEF AT 4
10270 / 9175	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10510 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 586	Date of Summary: 16-APR-1975	First Sample Examined: 9000
Lease Number: G02436	Source of Paleo: OPERATOR	Borehole MD: 9633
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8184
API Well Number: 177024023900	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 104
Paleo Report Num: 1 of 1	Sample Range: 9000 - 9630	Water Depth: 238
Public Info Code: Y 09-MAY-1985	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 / 7604	DEF AT first sample examined	DEF IN 4
9120 / 7715	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
9630 / 8182	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 23-AUG-1971	First Sample Examined: 1170
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 14328
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14328
API Well Number: 177024000600	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 1170 - 14328	Water Depth: 230
Public Info Code: Y 17-SEP-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1170 /	DEF AT first sample examined	DEF IN 2
1620 /	DEF AT - - - - -	DEF AT 3
2130 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4080 /	DEF AT - - - - -	DEF AT 4
4560 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4920 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 4
5250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10079 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10080 /	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11730 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
11790 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11910 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12270 /	DEF AT - - - - -	DEF AT 5
12480 /	DEF AT local marker foram increase	DEF AT 5
12870 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
13290 /	DEF AT Bathysiphon fauna	DEF AT 6
13379 /	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 6
13380 /	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT 6
14010 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
14328 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 10-OCT-1971	First Sample Examined: 1170
Lease Number: G02021	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14328
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14328
API Well Number: 177024000600	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1170 - 14328	Water Depth: 230
Public Info Code: Y 17-SEP-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1170 /	DEF AT first sample examined	DEF IN 2
1171 /	DEF IN Turtle Grass fauna = Amphistegina Mound	DEF IN 2
1290 /	DEF AT pyrite	DEF IN 2
1620 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1680 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2010 /	DEF AT glauconite	DEF AT 3
2040 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2460 /	DEF AT pyrite	DEF AT 3
2580 /	DEF AT local marker foram decrease	DEF AT 3
3120 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3180 /	DEF AT local marker foram decrease	DEF AT 3
4080 /	POS AT local marker planktic foram increase	DEF AT 3
4260 /	DEF AT local marker foram decrease	DEF AT 3
4320 /	DEF AT local marker deep water fauna	DEF AT 4
4350 /	DEF AT local marker foram decrease	DEF IN 3
4380 /	DEF AT local marker foram increase	DEF AT 4
4439 /	DEF AT pyrite	DEF AT 4
4440 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4620 /	DEF AT local marker foram decrease	DEF AT 3
5130 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10079 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10080 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 10-OCT-1971	First Sample Examined: 1170
Lease Number: G02021	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14328
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14328
API Well Number: 177024000600	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 1170 - 14328	Water Depth: 230
Public Info Code: Y 17-SEP-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11340 /	DEF AT pyrite	DEF AT 4
11910 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12150 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
12240 /	DEF AT Bathysiphon fauna	DEF AT 5
12270 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
12300 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
12479 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
12480 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
12600 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12840 /	DEF IN Eggerella 3 (local marker)	DEF AT 6
12930 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
13350 /	DEF AT pyrite	DEF AT 6
13470 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13500 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 6
13800 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 6
13890 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 6
13920 /	DEF AT local marker planktic foram increase	DEF AT 6
14328 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 22-OCT-1971	First Sample Examined: 3910
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 11112
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11112
API Well Number: 177024002600	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 3910 - 11110	Water Depth: 231
Public Info Code: Y 12-NOV-1981	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3910 /	DEF AT first sample examined	DEF IN 3
4030 /	DEF AT - - - - -	DEF AT 4
4960 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9609 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9610 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
9970 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11050 /	DEF AT - - - - -	DEF AT 5
11110 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 23-DEC-1971	First Sample Examined: 4140
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 11022
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11022
API Well Number: 177024004000	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4140 - 11022	Water Depth: 218
Public Info Code: Y 20-JAN-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4140 /	DEF AT first sample examined	DEF IN 4
4830 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
8510 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
9050 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
10520 /	DEF AT Bathysiphon fauna	DEF AT 5
11022 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 09-SEP-1976	First Sample Examined: 3880
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 12510
Well Name: 004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12510
API Well Number: 177024005000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 2	Sample Range: 3880 - 12510	Water Depth: 227
Public Info Code: Y 30-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3880 /	DEF AT first sample examined	DEF IN 3
4120 /	DEF AT - - - - -	DEF AT 4
5260 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5320 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9459 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9460 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11190 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
11340 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
11500 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
11620 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
12510 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 02-APR-1985	First Sample Examined: 3880
Lease Number: G02021	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12510
Well Name: 004	Paleo Done By: ED COTTON	Borehole TVD: 12510
API Well Number: 177024005000	Drilling Operator: PENNZENERGY COMPANY	Rkb Elevation: 95
Paleo Report Num: 2 of 2	Sample Range: 3880 - 5320	Water Depth: 227
Public Info Code: Y 30-MAR-1974	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3880 /	DEF AT first sample examined	POS AT 3
3881 /	DEF AT cement	POS AT 3
3910 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4150 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
4270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
4330 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
4690 /	DEF AT local marker foram decrease	DEF AT 2
4870 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5140 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscons (acme "B")	DEF AT 3
5230 /	DEF AT faunal change (no faunal increase)	DEF AT 3
5260 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5320 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 18-AUG-1972	First Sample Examined: 1010
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 7578
Well Name: 005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7578
API Well Number: 177024007800	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 105
Paleo Report Num: 1 of 1	Sample Range: 1010 - 7570	Water Depth: 216
Public Info Code: Y 11-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1010 /	DEF AT first sample examined	DEF IN 3
1850 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4090 /	DEF AT - - - - -	DEF AT 4
4240 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4810 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
4990 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
7570 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 11-AUG-1972	First Sample Examined: 4020
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 10982
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10688
API Well Number: 177024006800	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 4020 - 10950	Water Depth: 225
Public Info Code: Y 08-SEP-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4020 / 4018	DEF AT first sample examined	DEF IN 3
4290 / 4288	DEF AT - - - - -	DEF AT 4
4650 / 4648	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5010 / 5008	DEF AT sample gap top	POS AT 4
5970 / 5968	DEF AT sample gap bottom	DEF AT 4
8790 / 8680	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
10950 / 10658	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 22-SEP-1972	First Sample Examined: 3990
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 11880
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10709
API Well Number: 177024007700	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 3990 - 11880	Water Depth: 225
Public Info Code: Y 19-OCT-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3990 / 3772	DEF AT first sample examined	DEF IN 3
4350 / 4089	DEF AT - - - - -	DEF AT 4
5520 / 5113	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10140 / 9130	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
11880 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 08-DEC-1972	First Sample Examined: 4000
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8122
API Well Number: 177024008100	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 4000 - 9790	Water Depth: 228
Public Info Code: Y 28-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3789	DEF AT first sample examined	DEF IN 3
4660 / 4313	DEF AT - - - - -	DEF AT 4
5710 / 5137	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
9730 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
9790 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 08-DEC-1972	First Sample Examined: 8400
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 9450
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8122
API Well Number: 177024008100	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 8400 - 9450	Water Depth: 228
Public Info Code: Y 28-DEC-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Sidetrack report, no diagnostic foram markers noted

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8400 / 7302	DEF AT first sample examined	DEF AT 4
9450 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 27-MAR-1973	First Sample Examined: 9230
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11355
API Well Number: 177024009700	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9230 - 11990	Water Depth: 225
Public Info Code: Y 16-APR-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9230 / 8680	DEF AT first sample examined	DEF IN 4
9231 / 8681	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
11990 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 587	Date of Summary: 07-JUN-1973	First Sample Examined: 9010
Lease Number: G02021	Source of Paleo: OPERATOR	Borehole MD: 11417
Well Name: A012	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10997
API Well Number: 177024012600	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 9010 - 11410	Water Depth: 228
Public Info Code: Y 24-JUN-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9010 / 8625	DEF AT first sample examined	DEF IN 4
10000 / 9603	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 4
11410 / 10998	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 588	Date of Summary: 08-MAR-1972	First Sample Examined: 4000
Lease Number: G02022	Source of Paleo: OPERATOR	Borehole MD: 10753
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 10753
API Well Number: 177024005300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 4000 - 10760	Water Depth: 191
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF IN 3
4001 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4600 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 3
5470 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 3
9430 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
10280 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
10760 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 588	Date of Summary: 04-APR-1985	First Sample Examined: 4000
Lease Number: G02022	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10753
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 10753
API Well Number: 177024005300	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 4000 - 5260	Water Depth: 191
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 2
4001 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4090 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
4360 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4540 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4600 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4660 /	DEF AT faunal change (no faunal increase)	DEF IN 2
5080 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5200 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5260 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 588	Date of Summary: 27-JUL-1972	First Sample Examined: 4000
Lease Number: G02022	Source of Paleo: OPERATOR	Borehole MD: 11500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11500
API Well Number: 177024006000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 97
Paleo Report Num: 1 of 1	Sample Range: 4000 - 11500	Water Depth: 191
Public Info Code: Y 31-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4000 /	DEF AT first sample examined	DEF AT 3
4540 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5440 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
9280 /	DEF AT Cyclamina sp. (local marker)	DEF AT 4
11180 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
11500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 590	Date of Summary: 28-MAY-1973	First Sample Examined: 448
Lease Number: G02228	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9926
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9926
API Well Number: 177024009400	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 448 - 9920	Water Depth: 197
Public Info Code: Y 27-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
448 /	DEF AT first sample examined	DEF AT 3
449 /	DEF AT glauconite	DEF AT 3
450 /	DEF AT pyrite	DEF AT 3
802 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
929 /	DEF AT pyrite	DEF AT 3
1402 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
1464 /	DEF AT local marker foram decrease	DEF IN 2
1525 /	DEF AT glauconite	DEF AT 3
1526 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
1588 /	DEF AT local marker foram decrease	DEF IN 2
1684 /	DEF AT pyrite	DEF IN 2
2236 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
2300 /	DEF AT local marker foram decrease	DEF IN 2
2554 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2672 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
2673 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
2736 /	DEF AT glauconite	DEF AT 3
3114 /	DEF AT pyrite	DEF AT 3
6170 /	DEF AT local marker deep water fauna	DEF AT 4
6230 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6260 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6290 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 590	Date of Summary: 28-MAY-1973	First Sample Examined: 448
Lease Number: G02228	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9926
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 9926
API Well Number: 177024009400	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 448 - 9920	Water Depth: 197
Public Info Code: Y 27-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6590 /	DEF AT pyrite	DEF AT 4
6591 /	POS AT local marker planktic foram increase	DEF AT 4
8180 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
8210 /	DEF AT local marker foram decrease	DEF IN 3
8390 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 3
8659 /	DEF AT pyrite	DEF AT 4
8660 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
8839 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF IN 4
8840 /	DEF IN Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 4
8841 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF IN 4
9350 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 5
9650 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
9680 /	DEF AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 5
9920 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 590	Date of Summary: 12-JUN-1973	First Sample Examined: 1050
Lease Number: G02228	Source of Paleo: OPERATOR	Borehole MD: 8378
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8378
API Well Number: 177024012400	Drilling Operator: PENNZOIL LOUISIANA AND TEXAS	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8370	Water Depth: 197
Public Info Code: Y 27-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 /	DEF AT first sample examined	DEF IN 3
2100 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4470 /	DEF AT - - - - -	DEF AT 4
4590 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6750 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
7140 /	DEF IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
7230 /	DEF AT - - - - -	DEF AT 5
8370 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 591	Date of Summary: 30-DEC-1976	First Sample Examined: 1000
Lease Number: G02229	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11974
API Well Number: 177024037800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 2	Sample Range: 1000 - 12000	Water Depth: 226
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 / 1000	DEF AT first sample examined	DEF IN 3
1930 / 1930	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3790 / 3790	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4960 / 4960	DEF AT - - - - -	DEF AT 4
5380 / 5379	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8630 / 8624	DEF AT - - - - -	DEF AT 5
10300 / 10288	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
12000 / 11974	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 591	Date of Summary: 26-JUL-1984	First Sample Examined: 1000
Lease Number: G02229	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 11974
API Well Number: 177024037800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1000 - 12000	Water Depth: 226
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1000 / 1000	DEF AT first sample examined	DEF AT 2
1270 / 1270	DEF AT faunal change (no faunal increase)	DEF AT 3
1450 / 1450	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
1660 / 1660	DEF AT faunal change (no faunal increase)	DEF AT 2
2170 / 2170	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2260 / 2260	DEF AT faunal change (no faunal increase)	DEF AT 1
2770 / 2770	DEF AT faunal change (no faunal increase)	DEF AT 2
3010 / 3010	DEF AT local marker benthic foram increase	DEF AT 1
3340 / 3340	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3730 / 3730	POS AT local marker foram increase	DEF IN 2
3820 / 3820	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
3940 / 3940	DEF AT cement	POS IN 2
4330 / 4330	DEF AT faunal change (no faunal increase)	DEF AT 2
4870 / 4870	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
4900 / 4900	DEF AT faunal change (no faunal increase)	DEF AT 3
5020 / 5020	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5050 / 5049	DEF AT - - - - -	DEF AT 5
5290 / 5289	DEF AT - - - - -	DEF AT 4
5559 / 5558	DEF AT pyrite	DEF AT 3
5560 / 5559	DEF AT local marker foram decrease	DEF AT 3
7090 / 7086	DEF AT faunal change (no faunal increase)	DEF IN 2
7430 / 7426	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 591	Date of Summary: 26-JUL-1984	First Sample Examined: 1000
Lease Number: G02229	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12000
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 11974
API Well Number: 177024037800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 100
Paleo Report Num: 2 of 2	Sample Range: 1000 - 12000	Water Depth: 226
Public Info Code: Y 31-JAN-1978	Ecozone Eq MMS: Y	Paleo ID: 003

MD / TVD	Paleo Top Description	Ecozone
7550 / 7546	DEF AT local marker benthic foram increase	DEF AT 3
7700 / 7696	DEF AT Upper Pliocene (Gelasian) Globorotalia exilis	DEF AT 3
8120 / 8115	DEF AT faunal change (no faunal increase)	DEF IN 2
8630 / 8624	DEF AT faunal change (no faunal increase)	DEF AT 3
8780 / 8774	DEF AT Bathysiphon fauna	DEF IN 3
8900 / 8893	DEF AT Arenaceous fauna (local marker)	DEF IN 3
9170 / 9163	DEF AT Bathysiphon fauna	DEF AT 4
9800 / 9791	DEF AT faunal change (no faunal increase)	DEF AT 3
10060 / 10049	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
10610 / 10597	DEF AT faunal change (no faunal increase)	DEF IN 2
10780 / 10766	DEF AT faunal change (no faunal increase)	DEF AT 3
11290 / 11273	DEF IN Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 3
11320 / 11303	DEF AT faunal change (no faunal increase)	DEF AT 4
11980 / 11954	DEF AT Bathysiphon fauna	DEF AT 4
12000 / 11974	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 593	Date of Summary: 01-MAY-1972	First Sample Examined: 1350
Lease Number: G02023	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13000
API Well Number: 177024004200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 1350 - 13000	Water Depth: 240
Public Info Code: Y 02-MAR-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 /	DEF AT first sample examined	DEF IN 2
1467 /	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1638 /	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1907 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
2077 /	DEF AT sample gap top	POS AT 3
2975 /	DEF AT sample gap bottom	DEF AT 3
3483 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
3484 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4010 /	POS AT local marker foram increase	DEF IN 3
4276 /	DEF AT local marker foram increase	DEF IN 3
4680 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5524 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
5740 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 3
5826 /	DEF AT local marker foram decrease	DEF AT 3
8093 /	DEF AT pyrite	DEF AT 3
8139 /	DEF AT faunal change (no faunal increase)	DEF AT 4
9548 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 4
9718 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
11274 /	DEF AT pyrite	DEF AT 4
12755 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
13000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 593	Date of Summary: 25-MAR-1986	First Sample Examined: 1350
Lease Number: G02023	Source of Paleo: OPERATOR	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177024004200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 1350 - 13000	Water Depth: 240
Public Info Code: Y 02-MAR-1982	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1350 /	DEF AT first sample examined	DEF AT 2
1638 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
1682 /	DEF AT -----	DEF AT 3
1907 /	DEF AT -----	DEF AT 2
2121 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
4010 /	DEF AT -----	DEF AT 3
4723 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5031 /	DEF AT -----	DEF AT 2
5524 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
5697 /	DEF AT -----	DEF AT 3
5873 /	DEF AT -----	DEF AT 2
7559 /	DEF AT -----	DEF AT 3
8797 /	DEF AT -----	DEF AT 2
9496 /	DEF AT -----	DEF AT 3
10960 /	DEF AT -----	DEF AT 2
11605 /	DEF AT -----	DEF AT 1
12339 /	DEF AT -----	DEF AT 2
12539 /	DEF AT -----	DEF AT 3
12851 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
13000 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 594	Date of Summary: 11-AUG-1973	First Sample Examined: 5420
Lease Number: G02024	Source of Paleo: OPERATOR	Borehole MD: 11904
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11904
API Well Number: 177024002500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 5420 - 11904	Water Depth: 246
Public Info Code: Y 21-JAN-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5420 /	DEF AT first sample examined	DEF AT
5421 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
10550 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11904 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 594	Date of Summary: 20-AUG-1972	First Sample Examined: 2186
Lease Number: G02024	Source of Paleo: OPERATOR	Borehole MD: 12187
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12187
API Well Number: 177024006500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 2186 - 12187	Water Depth: 240
Public Info Code: Y 04-AUG-1982	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2186 /	DEF AT first sample examined	DEF AT
2187 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
5640 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
9300 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
11160 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
12187 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 594	Date of Summary: 16-SEP-1972	First Sample Examined: 976
Lease Number: G02024	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12187
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 12187
API Well Number: 177024006500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 976 - 12180	Water Depth: 240
Public Info Code: Y 04-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
976 /	DEF AT first sample examined	DEF AT 2
977 /	DEF AT reworked material	DEF AT 2
978 /	POS IN Holocene recent fauna	DEF AT 2
1163 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1628 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
1690 /	DEF AT local marker foram decrease	DEF IN 2
1721 /	DEF AT local marker foram decrease	DEF AT 2
1814 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1969 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2279 /	DEF AT local marker benthic foram increase	DEF IN 1
2310 /	POS AT local marker foram increase	DEF AT 2
2372 /	DEF AT local marker foram decrease	DEF IN 1
3297 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
3510 /	DEF AT miliolid limestone	DEF IN 1
3690 /	DEF AT local marker benthic foram increase	DEF AT 2
4350 /	DEF AT local marker foram decrease	DEF IN 1
4470 /	DEF AT local marker foram increase	DEF AT 2
4590 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
4620 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4950 /	POS AT reworked material	DEF IN 1
5460 /	DEF AT local marker benthic foram increase	DEF AT 2
5610 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 594	Date of Summary: 16-SEP-1972	First Sample Examined: 976
Lease Number: G02024	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12187
Well Name: 002	Paleo Done By: WING GEE	Borehole TVD: 12187
API Well Number: 177024006500	Drilling Operator: CONOCOPHILLIPS COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 976 - 12180	Water Depth: 240
Public Info Code: Y 04-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 002

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5650 /	DEF AT local marker benthic foram increase	DEF IN 2
6090 /	POS AT local marker foram decrease	DEF AT 2
6420 /	DEF AT faunal change (no faunal increase)	DEF IN 1
7050 /	POS AT Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 2
7410 /	DEF AT local marker benthic foram increase	DEF AT 2
8550 /	DEF AT local marker foram decrease	DEF IN 1
8820 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	DEF IN 1
8970 /	DEF AT local marker benthic foram increase	DEF AT 2
9330 /	POS AT local marker foram increase	DEF IN 2
9360 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
9390 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9570 /	POS AT local marker foram decrease	DEF IN 2
9780 /	DEF AT faunal change (no faunal increase)	POS AT 2
9990 /	DEF AT faunal change (no faunal increase)	DEF IN 1
11040 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
11100 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11130 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 2
11160 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
11490 /	DEF AT Bathysiphon fauna	DEF AT 3
11940 /	DEF AT local marker benthic foram increase	DEF IN 2
12090 /	DEF AT pyrite	DEF AT 2
12150 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 601	Date of Summary: 16-DEC-1977	First Sample Examined: 500
Lease Number: G03386	Source of Paleo: OPERATOR	Borehole MD: 14213
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14213
API Well Number: 177024042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 4	Sample Range: 500 - 12690	Water Depth: 269
Public Info Code: Y 18-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 /	DEF AT first sample examined	DEF AT 1
1000 /	DEF AT local marker benthic foram increase	DEF AT 1
1120 /	DEF AT local marker benthic foram increase	DEF AT 1
1420 /	DEF AT local marker planktic foram increase	DEF AT 1
1480 /	DEF AT glauconite	DEF AT 1
1719 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
1720 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 1
1960 /	DEF AT local marker benthic foram increase	DEF AT 1
2500 /	DEF AT local marker foram decrease	DEF AT 1
3310 /	DEF AT local marker benthic foram increase	DEF AT 1
3910 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
4570 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 1
5080 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 1
5290 /	DEF AT local marker foram decrease	DEF AT 1
5340 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 2
5890 /	DEF AT Arenaceous fauna (local marker)	DEF AT 2
6100 /	DEF AT local marker benthic foram increase	DEF AT 2
6300 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 2
6420 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2
6510 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
6910 /	DEF AT local marker foram decrease	DEF AT 2
7050 /	DEF AT Upper Pliocene (Gelasian) Bolivina impercata / "P"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 601	Date of Summary: 16-DEC-1977	First Sample Examined: 500
Lease Number: G03386	Source of Paleo: OPERATOR	Borehole MD: 14213
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14213
API Well Number: 177024042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 1 of 4	Sample Range: 500 - 12690	Water Depth: 269
Public Info Code: Y 18-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7110 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
7690 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 2
8790 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
8850 /	DEF AT Cyclammina sp. (local marker)	DEF AT 2
9480 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 2
11760 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 2
12420 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 2
12690 /	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 601	Date of Summary: 16-DEC-1977	First Sample Examined: 12141
Lease Number: G03386	Source of Paleo: OPERATOR	Borehole MD: 14213
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14213
API Well Number: 177024042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 2 of 4	Sample Range: 12141 - 14180	Water Depth: 269
Public Info Code: Y 18-DEC-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12141 /	DEF AT first sample examined	DEF AT
13520 /	DEF IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT
13580 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT
14180 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 601	Date of Summary: 25-SEP-1984	First Sample Examined: 500
Lease Number: G03386	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14213
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 14213
API Well Number: 177024042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 3 of 4	Sample Range: 500 - 12750	Water Depth: 269
Public Info Code: Y 18-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 /	DEF AT first sample examined	DEF AT 2
620 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1050 /	DEF AT local marker foram increase	DEF IN 2
1320 /	DEF AT local marker benthic foram increase	DEF AT 3
1350 /	DEF AT local marker planktic foram increase	DEF AT 3
1500 /	DEF AT faunal change (no faunal increase)	DEF IN 2
2250 /	DEF AT local marker foram increase	DEF AT 3
2390 /	DEF AT local marker foram decrease	DEF IN 2
2610 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2730 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2970 /	DEF AT local marker foram decrease	DEF IN 1
3150 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3539 /	DEF AT faunal change (no faunal increase)	DEF AT 1
3570 /	DEF AT cement	POS AT 1
4530 /	DEF AT local marker benthic foram increase	DEF IN 2
4769 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4770 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
5340 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
5820 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
5970 /	DEF AT pyrite	DEF AT 3
6030 /	DEF AT siltstone	DEF AT 3
6180 /	POS AT Upper Pliocene (Gelasian) Globorotalia crassula (acme)	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 601	Date of Summary: 25-SEP-1984	First Sample Examined: 500
Lease Number: G03386	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14213
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 14213
API Well Number: 177024042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 3 of 4	Sample Range: 500 - 12750	Water Depth: 269
Public Info Code: Y 18-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 003

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6510 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
6690 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6840 /	DEF AT cement	POS AT 2
6930 /	DEF AT local marker benthic foram increase	DEF AT 3
7110 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
7380 /	DEF AT faunal change (no faunal increase)	DEF AT 3
8850 /	DEF AT local marker benthic foram increase	DEF IN 2
9000 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
9360 /	DEF AT local marker benthic foram increase	DEF IN 2
9900 /	DEF AT siltstone	DEF IN 2
11340 /	DEF AT Bathysiphon fauna	DEF AT 3
11370 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
11640 /	DEF AT Bathysiphon fauna	DEF IN 3
11730 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11850 /	DEF IN Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 3
12030 /	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 3
12210 /	DEF AT cement	POS AT 3
12749 /	DEF AT siltstone	POS AT 3
12750 /	DEF AT last sample examined	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 601	Date of Summary: 25-SEP-1984	First Sample Examined: 12141
Lease Number: G03386	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14213
Well Name: 001	Paleo Done By: ED COTTON	Borehole TVD: 14213
API Well Number: 177024042600	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 64
Paleo Report Num: 4 of 4	Sample Range: 12141 - 14200	Water Depth: 269
Public Info Code: Y 18-DEC-1979	Ecozone Eq MMS: Y	Paleo ID: 004

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
12141 /	DEF AT first sample examined	POS AT 3
12142 /	DEF AT cement	POS AT 3
12320 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
12380 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
12440 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
12650 /	DEF AT cement	POS AT 4
13190 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
13760 /	DEF AT drilling material	POS AT 4
14000 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14200 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 606	Date of Summary: 19-NOV-1973	First Sample Examined: 1050
Lease Number: G02232	Source of Paleo: OPERATOR	Borehole MD: 8000
Well Name: 001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 8000
API Well Number: 177024010700	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1050 - 8000	Water Depth: 276
Public Info Code: Y 13-DEC-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1050 /	DEF AT first sample examined	DEF IN 3
1860 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 3
3960 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4020 /	DEF AT - - - - -	DEF AT 4
5220 /	DEF AT sample gap top	POS AT 4
5520 /	DEF AT sample gap bottom	DEF AT 4
6140 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
6980 /	DEF AT - - - - -	DEF AT 5
7160 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8000 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 606	Date of Summary: 15-JAN-1975	First Sample Examined: 0
Lease Number: G02232	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 7037
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 7037
API Well Number: 177024017800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 297
Public Info Code: Y 26-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3710 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
6920 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 607	Date of Summary: 20-OCT-1978	First Sample Examined: 490
Lease Number: G03321	Source of Paleo: OPERATOR	Borehole MD: 9024
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9023
API Well Number: 177024050500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 490 - 9028	Water Depth: 271
Public Info Code: Y 01-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
490 /	DEF AT first sample examined	DEF AT
491 /	DEF AT cement	DEF AT
640 /	DEF AT sample gap top	DEF AT
1000 /	DEF AT sample gap bottom	DEF AT
1390 /	DEF IN local marker foram increase	DEF AT 4
2500 /	DEF AT - - - - -	DEF AT 2
3490 /	DEF AT - - - - -	DEF AT 3
3920 /	DEF AT local marker foram increase	DEF AT 3
3940 /	DEF AT - - - - -	DEF AT 4
4030 /	DEF AT cement	POS AT 4
4120 /	DEF AT - - - - -	DEF AT 2
4779 /	DEF AT glauconite	DEF AT 4
4780 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5020 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5860 /	POS AT - - - - -	DEF AT 3
8320 /	DEF AT - - - - -	DEF AT 4
9028 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 607	Date of Summary: 14-MAY-1981	First Sample Examined: 4760
Lease Number: G03321	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 177024065300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 1 of 2	Sample Range: 4760 - 8960	Water Depth: 271
Public Info Code: Y 01-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

MD / TVD	Paleo Top Description	DEF	AT	Ecozone
4760 /	DEF AT first sample examined	DEF	AT	
4761 /	DEF AT cement	DEF	AT	
5210 /	DEF AT poor sample interval top	DEF	AT	
6949 /	DEF AT poor sample interval bottom	DEF	AT	
6950 /	DEF AT - - - - -	DEF	AT	3
6980 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF	AT	3
7220 /	DEF AT - - - - -	DEF	AT	2
8532 /	DEF AT - - - - -	DEF	AT	4
8960 /	DEF AT last sample examined	DEF	AT	4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 607	Date of Summary: 14-MAY-1981	First Sample Examined: 5600
Lease Number: G03321	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 002	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12000
API Well Number: 177024065300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 42
Paleo Report Num: 2 of 2	Sample Range: 5600 - 11990	Water Depth: 271
Public Info Code: Y 01-NOV-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

MD / TVD	Paleo Top Description	Ecozone
5600 /	DEF AT first sample examined	DEF AT 2
6860 /	DEF AT - - - - -	DEF AT 3
6890 /	DEF AT local marker benthic foram increase	DEF AT 3
7190 /	DEF AT - - - - -	DEF AT 2
8540 /	DEF AT - - - - -	DEF AT 4
8840 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
8841 /	POS AT Arenaceous fauna (local marker)	DEF AT 4
9110 /	DEF AT cement	POS AT 4
9740 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
9770 /	DEF AT sample gap top	POS AT 4
10190 /	DEF AT sample gap bottom	DEF AT 4
10430 /	DEF IN Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 4
10968 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10969 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
10970 /	DEF AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 4
11300 /	DEF AT - - - - -	DEF AT 3
11990 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 607	Date of Summary: 23-OCT-1978	First Sample Examined: 4170
Lease Number: G03321	Source of Paleo: OPERATOR	Borehole MD: 9385
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8124
API Well Number: 177024050501	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 72
Paleo Report Num: 1 of 2	Sample Range: 4170 - 5460	Water Depth: 271
Public Info Code: Y 01-NOV-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 4170	DEF AT first sample examined	DEF AT 3
4799 / 4795	POS AT glauconite	DEF AT 4
4800 / 4796	DEF AT local marker benthic foram increase	DEF AT 4
4950 / 4942	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5460 / 5417	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 607	Date of Summary: 23-OCT-1978	First Sample Examined: 4760
Lease Number: G03321	Source of Paleo: OPERATOR	Borehole MD: 9385
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 8124
API Well Number: 177024050501	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 72
Paleo Report Num: 2 of 2	Sample Range: 4760 - 9380	Water Depth: 271
Public Info Code: Y 01-NOV-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
4760 / 4757	DEF AT first sample examined	DEF AT 3
4789 / 4785	POS AT glauconite	DEF AT 4
4790 / 4786	DEF AT local marker foram increase	DEF AT 4
5090 / 5075	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
5840 / 5753	DEF AT faunal change (no faunal increase)	DEF AT 3
9140 / 7958	DEF AT faunal change (no faunal increase)	DEF AT 4
9380 / 8121	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 03-NOV-1976	First Sample Examined: 4080
Lease Number: G02232	Source of Paleo: OPERATOR	Borehole MD: 7490
Well Name: A011	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 4931
API Well Number: 177024037900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4080 - 7500	Water Depth: 303
Public Info Code: Y 15-NOV-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4080 / 2512	DEF AT first sample examined	DEF IN 3
4081 / 2512	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4800 / 2808	DEF AT - - - - -	DEF AT 4
7500 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 03-JAN-1974	First Sample Examined: 0
Lease Number: G02234	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8040
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8040
API Well Number: 177024010400	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 307
Public Info Code: Y 21-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 27-DEC-1977	First Sample Examined: 1100
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 10411
Well Name: 006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10411
API Well Number: 177024041100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 1100 - 10400	Water Depth: 318
Public Info Code: Y 27-DEC-1987	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1100 /	DEF AT first sample examined	DEF IN 3
1370 /	DEF AT local marker foram increase	DEF IN 3
1880 /	DEF AT local marker foram decrease	DEF IN 3
3050 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehisceus (acme)	DEF AT 4
4250 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
4280 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
7700 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
10250 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
10400 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 23-JAN-1976	First Sample Examined: 950
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 8207
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7521
API Well Number: 177024031900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 950 - 8200	Water Depth: 303
Public Info Code: Y 13-FEB-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
950 / 950	DEF AT first sample examined	DEF AT 2
1250 / 1249	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1730 / 1720	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1910 / 1893	DEF AT local marker foram decrease	DEF AT 3
3020 / 2907	DEF AT local marker benthic foram increase	DEF AT 3
3050 / 2933	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
3920 / 3683	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4250 / 3974	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 3
7980 / 7310	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8010 / 7339	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 4
8200 / 7527	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 18-FEB-1976	First Sample Examined: 3000
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 7765
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7519
API Well Number: 177024033300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7765	Water Depth: 303
Public Info Code: Y 11-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2783	DEF AT first sample examined	DEF AT 3
3870 / 3625	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4290 / 4045	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscentes (acme "A")	DEF AT 3
7765 / 7519	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 08-MAR-1976	First Sample Examined: 3010
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 7255
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6695
API Well Number: 177024033500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3010 - 6929	Water Depth: 303
Public Info Code: Y 25-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3010 / 2952	DEF AT first sample examined	DEF AT 3
3820 / 3722	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6929 / 6703	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 15-APR-1976	First Sample Examined: 2980
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 7997
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7051
API Well Number: 177024034000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2980 - 8402	Water Depth: 303
Public Info Code: Y 16-MAY-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2980 / 2859	DEF AT first sample examined	DEF IN 3
4210 / 3752	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4630 / 4057	DEF AT local marker foram increase	DEF AT 4
8402 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 26-MAR-1976	First Sample Examined: 4785
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 7255
Well Name: A005	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6695
API Well Number: 177024033501	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 4785 - 7255	Water Depth: 303
Public Info Code: Y 02-APR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4785 / 4632	DEF AT first sample examined	DEF AT 3
4786 / 4633	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7255 / 6699	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 18-JUN-1976	First Sample Examined: 3540
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 7700
Well Name: A006	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7700
API Well Number: 177024034900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 3540 - 7700	Water Depth: 303
Public Info Code: Y 08-JUL-1986	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3540 /	DEF AT first sample examined	DEF IN 3
4180 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
5020 /	POS AT local marker planktic foram increase	DEF IN 3
7220 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF IN 3
7610 /	DEF AT - - - - -	DEF AT 4
7670 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7700 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 24-MAY-1976	First Sample Examined: 5490
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 7903
Well Name: A008	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 6724
API Well Number: 177024034600	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5490 - 7903	Water Depth: 303
Public Info Code: Y 09-JUN-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5490 / 4883	DEF AT first sample examined	DEF AT 3
5491 / 4883	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5850 / 5163	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
7880 / 6757	DEF AT - - - - -	DEF AT 4
7903 / 6776	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 10-AUG-1976	First Sample Examined: 2960
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 8333
Well Name: A009	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7277
API Well Number: 177024035800	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 2960 - 8300	Water Depth: 303
Public Info Code: Y 24-AUG-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2960 / 2902	DEF AT first sample examined	DEF IN 3
4010 / 3780	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6830 / 6058	DEF AT local marker benthic foram increase	DEF IN 3
8030 / 7018	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
8300 / 7249	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 620	Date of Summary: 22-NOV-1976	First Sample Examined: 5510
Lease Number: G02234	Source of Paleo: OPERATOR	Borehole MD: 9519
Well Name: A013	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 7128
API Well Number: 177024038500	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 5510 - 9519	Water Depth: 303
Public Info Code: Y 12-DEC-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5510 / 4398	DEF AT first sample examined	DEF AT 3
5511 / 4398	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
9519 / 7122	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 621	Date of Summary: 10-APR-1974	First Sample Examined: 0
Lease Number: G02235	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8485
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8485
API Well Number: 177024016900	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 22-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3350 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
8260 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 621	Date of Summary: 10-APR-1974	First Sample Examined: 0
Lease Number: G02235	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13315
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 11365
API Well Number: 177024047000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 22-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3160 / 3160	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
9520 / 9075	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT
12520 / 10893	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 625	Date of Summary: 16-APR-1974	First Sample Examined: 469
Lease Number: G02237	Source of Paleo: OPERATOR	Borehole MD: 5367
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 5367
API Well Number: 177024016300	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 47
Paleo Report Num: 1 of 1	Sample Range: 469 - 5330	Water Depth: 305
Public Info Code: Y 02-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
469 /	DEF AT first sample examined	DEF AT 2
1130 /	DEF AT -----	DEF AT 3
1490 /	DEF AT -----	DEF AT 2
1760 /	DEF AT -----	DEF AT 3
2210 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2330 /	DEF AT -----	DEF AT 2
2390 /	DEF AT local marker benthic foram increase	DEF AT 2
2500 /	DEF AT -----	DEF AT 1
2530 /	DEF AT sample gap top	POS AT 1
2620 /	DEF AT sample gap bottom	DEF AT 1
2980 /	DEF AT -----	DEF AT 2
3230 /	DEF AT -----	DEF AT 1
4100 /	DEF AT -----	DEF AT 2
4640 /	DEF AT local marker benthic foram increase	DEF AT 2
5030 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5330 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 625	Date of Summary: 02-DEC-1974	First Sample Examined: 570
Lease Number: G02237	Source of Paleo: OPERATOR	Borehole MD: 6838
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6835
API Well Number: 177024021900	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 570 - 6840	Water Depth: 367
Public Info Code: Y 02-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
570 /	DEF AT first sample examined	DEF AT 2
1320 /	DEF AT local marker foram increase	DEF AT 3
1590 /	DEF AT - - - - -	DEF IN 3
1830 /	DEF AT - - - - -	DEF AT 3
2430 /	DEF AT - - - - -	DEF IN 2
3210 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 2
3330 /	DEF AT - - - - -	DEF AT 2
3480 /	DEF AT local marker benthic foram increase	DEF AT 2
3600 /	DEF AT glauconite	DEF AT 2
4380 /	DEF AT local marker benthic foram increase	DEF AT 2
4830 /	DEF AT - - - - -	DEF IN 1
6360 /	DEF AT - - - - -	DEF AT 3
6510 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
6810 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6840 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 625	Date of Summary: 10-JUL-1979	First Sample Examined: 0
Lease Number: G02237	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10195
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 10195
API Well Number: 177024055600	Drilling Operator: DOMINION EXPLORATION & PRODUCTION INC	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 337
Public Info Code: Y 02-MAR-1986	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Ecozones obtained via phone conversation

MD / TVD	Paleo Top Description	Ecozone
3380 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
3620 /	DEF AT - - - - -	DEF AT 1
5660 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 2
6020 /	DEF AT cement	POS AT 2
7100 /	POS AT - - - - -	DEF AT 1
8380 /	POS AT - - - - -	DEF AT 2
8758 /	DEF AT sample gap top	POS AT 2
9252 /	DEF AT sample gap bottom	DEF AT 2
10090 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 629	Date of Summary: 14-MAR-1972	First Sample Examined: 1200
Lease Number: G02025	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13500
API Well Number: 177024001100	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1200 - 13500	Water Depth: 318
Public Info Code: Y 29-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1200 /	DEF AT first sample examined	POS IN 3
1201 /	DEF AT cement	POS IN 3
1650 /	DEF AT Wisconsin fauna (local marker)	DEF AT 4
1770 /	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 4
2220 /	DEF AT faunal change (no faunal increase)	POS AT 2
2340 /	POS AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF IN 3
2460 /	POS AT local marker foram decrease	DEF AT 3
2520 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
3150 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3360 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
3480 /	DEF AT local marker benthic foram increase	DEF AT 3
4199 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4200 /	POS AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
4350 /	DEF AT local marker foram decrease	DEF AT 3
6600 /	DEF AT pyrite	DEF AT 3
7120 /	DEF AT local marker deep water fauna	DEF IN 4
7560 /	DEF AT local marker deep water fauna	DEF AT 5
9940 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
10000 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11140 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11350 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF IN 4
11590 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 629	Date of Summary: 14-MAR-1972	First Sample Examined: 1200
Lease Number: G02025	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13500
API Well Number: 177024001100	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1200 - 13500	Water Depth: 318
Public Info Code: Y 29-JAN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11859 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 5
11860 /	DEF IN Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
12250 /	DEF IN Upper Pliocene (Gelasian) Globorotalia praehirsuta	DEF AT 5
12280 /	DEF AT local marker foram decrease	DEF AT 5
12880 /	DEF AT local marker deep water fauna	DEF AT 6
13030 /	POS IN Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 6
13170 /	DEF AT local marker planktic foram increase	DEF AT 6
13470 /	DEF AT domal material	DEF AT 6
13500 /	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 630	Date of Summary: 23-OCT-1978	First Sample Examined: 1260
Lease Number: G02560	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 9529
Well Name: 001	Paleo Done By: JIM COOKE	Borehole TVD: 9529
API Well Number: 177024019900	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 33
Paleo Report Num: 1 of 1	Sample Range: 1260 - 9520	Water Depth: 341
Public Info Code: Y 17-OCT-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1260 /	DEF AT first sample examined	DEF IN 3
1440 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2580 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4540 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
5890 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7360 /	DEF AT local marker foram decrease	DEF IN 3
8380 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
8770 /	DEF AT local marker foram decrease	DEF IN 3
9520 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 633	Date of Summary: 03-JUN-1973	First Sample Examined: 1265
Lease Number: G02238	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11010
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 11010
API Well Number: 177024009100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1265 - 11010	Water Depth: 313
Public Info Code: Y 04-APR-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1265 /	DEF AT first sample examined	DEF AT 3
1266 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1535 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
1580 /	DEF AT pyrite	DEF AT 3
2945 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3620 /	DEF AT pyrite	DEF AT 3
3665 /	DEF AT local marker foram decrease	DEF AT 3
3890 /	DEF AT pyrite	DEF AT 3
5084 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
6504 /	DEF AT local marker foram decrease	DEF AT 3
6648 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
7583 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8767 /	DEF AT local marker foram decrease	DEF AT 4
9302 /	DEF AT pyrite	DEF AT 4
10309 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
10339 /	DEF AT local marker foram decrease	DEF AT 4
10849 /	POS AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
11010 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 634	Date of Summary: 03-JUL-1973	First Sample Examined: 1150
Lease Number: G02239	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10893
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10893
API Well Number: 177024010200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1150 - 10870	Water Depth: 337
Public Info Code: Y 28-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1150 /	DEF AT first sample examined	POS AT 2
1151 /	DEF AT cement	POS AT 2
1510 /	POS AT Wisconsin fauna (local marker)	DEF AT 3
1690 /	DEF AT local marker foram decrease	DEF AT 2
1929 /	DEF AT pyrite	DEF IN 2
1930 /	POS AT Turtle Grass fauna = Amphistegina Mound	DEF IN 2
2140 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
2170 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2200 /	DEF AT local marker foram decrease	DEF AT 3
2410 /	DEF AT local marker foram decrease	DEF IN 2
2440 /	DEF AT local marker foram increase	DEF AT 3
2529 /	DEF AT pyrite	DEF IN 2
2530 /	DEF AT local marker benthic foram increase	DEF IN 2
3160 /	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
3370 /	DEF AT local marker benthic foram increase	DEF IN 2
3490 /	DEF AT pyrite	DEF IN 2
3520 /	DEF AT local marker foram decrease	DEF AT 2
3610 /	DEF AT siltstone	DEF IN 1
4150 /	DEF AT faunal change (no faunal increase)	DEF AT 2
4180 /	DEF AT local marker benthic foram increase	DEF AT 2
4330 /	DEF AT pyrite	DEF AT 2
4420 /	DEF AT local marker benthic foram increase	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 634	Date of Summary: 03-JUL-1973	First Sample Examined: 1150
Lease Number: G02239	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10893
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 10893
API Well Number: 177024010200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 1150 - 10870	Water Depth: 337
Public Info Code: Y 28-FEB-1978	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4630 /	DEF AT local marker foram decrease	POS AT 2
5470 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
6090 /	DEF AT local marker benthic foram increase	DEF IN 2
6360 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6390 /	DEF AT pyrite	DEF IN 2
6720 /	DEF AT local marker foram decrease	DEF AT 2
8100 /	DEF AT cement	POS AT 1
8610 /	POS AT local marker foram increase	DEF IN 2
9030 /	DEF AT siltstone	POS AT 2
9480 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 3
9930 /	POS AT Arenaceous fauna (local marker)	DEF AT 2
10660 /	DEF AT Cyclammina cancellata (local marker)	POS AT 3
10810 /	POS AT Bathysiphon fauna	DEF AT 3
10893 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 634	Date of Summary: 28-FEB-1978	First Sample Examined: 1430
Lease Number: G02239	Source of Paleo: OPERATOR	Borehole MD: 9407
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9404
API Well Number: 177024047400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 102
Paleo Report Num: 1 of 1	Sample Range: 1430 - 9380	Water Depth: 237
Public Info Code: Y 28-FEB-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1430 /	DEF AT first sample examined	POS AT 3
1520 /	DEF AT -----	DEF AT 3
1610 /	DEF AT local marker (general)	DEF AT 4
1910 /	DEF AT -----	DEF AT 3
2390 /	DEF AT -----	DEF AT 4
2690 /	DEF AT -----	DEF AT 3
3170 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3440 /	DEF AT local marker foram increase	DEF AT 3
3830 /	DEF AT -----	DEF AT 2
4268 /	DEF AT cement	POS AT 2
4390 /	DEF AT -----	DEF AT 2
7430 /	DEF AT -----	DEF AT 3
7730 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
9380 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 14-APR-1971	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 6734
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 6733
API Well Number: 177024000200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 2500 - 6734	Water Depth: 335
Public Info Code: Y 24-APR-1981	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF IN 3
2900 / 2900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6734 / 6733	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 21-JUN-1971	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 6734
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 6733
API Well Number: 177024000200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 2500 - 6734	Water Depth: 335
Public Info Code: Y 24-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF AT 3
2545 / 2545	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2900 / 2900	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3130 / 3130	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF AT 4
3220 / 3220	DEF AT pyrite	DEF AT 4
6360 / 6359	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
6734 / 6733	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 15-APR-1971	First Sample Examined: 1156
Lease Number: G02027	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 3956
Well Name: 002	Paleo Done By: LEE LATTA	Borehole TVD: 3956
API Well Number: 177024000700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 1156 - 3945	Water Depth: 364
Public Info Code: Y 01-APR-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1156 /	DEF AT first sample examined	DEF IN 2
1650 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1875 /	DEF AT Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 4
2595 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
2596 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2820 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3405 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3760 /	DEF AT local marker benthic foram increase	DEF IN 3
3900 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
3945 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 23-OCT-1971	First Sample Examined: 1156
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 3956
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 3956
API Well Number: 177024000700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 1156 - 3945	Water Depth: 364
Public Info Code: Y 01-APR-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1156 /	DEF AT first sample examined	DEF IN 2
1875 /	DEF AT -----	DEF AT 4
2910 /	DEF AT -----	DEF AT 2
2955 /	DEF AT -----	DEF AT 3
3405 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3945 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 08-JUL-1971	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 10177
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 10143
API Well Number: 177024002400	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2500 - 10177	Water Depth: 364
Public Info Code: Y 01-AUG-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2500	DEF AT first sample examined	DEF IN 5
3175 / 3175	DEF AT -----	DEF AT 4
3895 / 3895	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4390 / 4390	DEF AT -----	DEF AT 3
7720 / 7702	DEF AT -----	DEF AT 4
7990 / 7971	DEF AT -----	POS AT 5
8305 / 8283	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10177 / 10143	DEF AT last sample examined	POS IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 22-APR-1971	First Sample Examined: 2505
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 5604
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 5600
API Well Number: 177024001800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2505 - 5600	Water Depth: 376
Public Info Code: Y 10-MAY-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2505 /	DEF AT first sample examined	DEF IN 4
4035 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
4665 /	DEF AT - - - - -	DEF AT 3
5600 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 19-MAY-1971	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 8471
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 8471
API Well Number: 177024002100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 2500 - 8440	Water Depth: 326
Public Info Code: Y 14-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT first sample examined	DEF IN 3
3355 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3900 /	DEF AT local marker benthic foram increase	DEF IN 3
7135 /	DEF AT - - - - -	DEF AT 4
7270 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
7360 /	DEF AT - - - - -	POS AT 5
8440 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 20-JUL-1971	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 8471
Well Name: 005	Paleo Done By: LEE LATTA	Borehole TVD: 8471
API Well Number: 177024002100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 2 of 2	Sample Range: 2500 - 8440	Water Depth: 326
Public Info Code: Y 14-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 /	DEF AT first sample examined	DEF IN 4
2501 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
2590 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
3355 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3895 /	DEF AT local marker benthic foram increase	DEF AT 3
3940 /	DEF AT pyrite	DEF AT 3
4660 /	DEF AT faunal change (no faunal increase)	DEF IN 3
4885 /	DEF AT pyrite	DEF IN 3
6595 /	DEF AT cement	POS IN 3
7135 /	DEF AT local marker deep water fauna	DEF AT 4
7270 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
7315 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8440 /	DEF AT last sample examined	DEF AT 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 27-APR-1972	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 10522
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 9184
API Well Number: 177024005500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 2	Sample Range: 2500 - 10522	Water Depth: 318
Public Info Code: Y 23-MAY-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
2500 / 2445	DEF AT first sample examined	DEF IN 4
2980 / 2855	DEF AT - - - - -	DEF AT 3
3640 / 3394	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
6820 / 5959	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
6950 / 6066	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
7310 / 6358	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8360 / 7198	DEF AT - - - - -	DEF AT 5
9660 / 8315	DEF AT - - - - -	DEF AT 4
10522 / 9157	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 11-OCT-1972	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10522
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 9184
API Well Number: 177024005500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 2500 - 10522	Water Depth: 318
Public Info Code: Y 23-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2500 / 2445	DEF AT first sample examined	DEF AT 4
2501 / 2446	DEF IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
2590 / 2525	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
2950 / 2830	DEF AT local marker foram decrease	DEF AT 3
3070 / 2929	POS AT local marker foram increase	DEF AT 4
3160 / 3002	DEF AT local marker foram decrease	DEF AT 3
3490 / 3272	POS AT local marker foram increase	DEF IN 3
3520 / 3297	DEF AT local marker benthic foram increase	DEF IN 3
3670 / 3419	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3700 / 3443	POS AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
3730 / 3467	DEF AT faunal change (no faunal increase)	DEF AT 3
3910 / 3612	DEF AT local marker benthic foram increase	DEF IN 2
4240 / 3876	DEF AT pyrite	DEF IN 2
4300 / 3924	DEF AT local marker foram decrease	DEF AT 2
4540 / 4114	DEF AT local marker benthic foram increase	DEF AT 2
4900 / 4398	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 2
4930 / 4422	POS AT local marker foram increase	DEF IN 2
4960 / 4446	DEF AT pyrite	DEF IN 2
5170 / 4611	POS AT local marker foram decrease	DEF AT 2
5500 / 4876	DEF AT local marker benthic foram increase	DEF IN 1
5830 / 5146	DEF AT local marker foram increase	DEF AT 2
5890 / 5195	DEF AT local marker foram decrease	DEF IN 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 11-OCT-1972	First Sample Examined: 2500
Lease Number: G02027	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10522
Well Name: 006	Paleo Done By: WING GEE	Borehole TVD: 9184
API Well Number: 177024005500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 92
Paleo Report Num: 2 of 2	Sample Range: 2500 - 10522	Water Depth: 318
Public Info Code: Y 23-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5269	POS AT local marker foram increase	DEF AT 2
6190 / 5441	DEF AT local marker foram decrease	DEF IN 1
6790 / 5934	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
6950 / 6066	DEF AT Eggerella sp. (local marker)	DEF IN 2
6980 / 6090	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
7040 / 6139	DEF AT reworked material	POS AT 3
7790 / 6741	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2
8150 / 7030	DEF IN Lower Pleistocene (Calabrian) Angulogerina magna	DEF IN 2
8180 / 7054	POS AT local marker foram increase	DEF AT 3
8360 / 7198	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 4
8480 / 7294	POS AT local marker foram decrease	DEF IN 3
8540 / 7342	DEF AT local marker foram decrease	DEF AT 3
9750 / 8401	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
10230 / 8869	DEF AT local marker benthic foram increase	DEF AT 3
10320 / 8958	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
10470 / 9106	DEF AT local marker benthic foram increase	DEF AT 3
10500 / 9135	DEF AT faunal change (no faunal increase)	DEF IN 2
10522 / 9157	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 12-OCT-1973	First Sample Examined: 727
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 11705
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 11618
API Well Number: 177024014800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 727 - 11690	Water Depth: 365
Public Info Code: Y 08-NOV-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
727 / 727	DEF AT first sample examined	POS AT 4
1630 / 1629	DEF AT -----	DEF AT 4
2660 / 2609	DEF AT -----	DEF AT 3
4070 / 3994	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
7160 / 7083	DEF AT -----	DEF AT 4
7610 / 7531	DEF AT -----	DEF AT 5
7700 / 7621	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
10310 / 10225	DEF AT Cyclammina sp. (local marker)	DEF AT 5
10910 / 10825	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
11690 /	DEF AT last sample examined	DEF IN 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 20-NOV-1973	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 9430
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 6962
API Well Number: 177024015000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9430	Water Depth: 365
Public Info Code: Y 17-DEC-1983	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2602	DEF AT first sample examined	DEF IN 3
5040 / 3909	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9431 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 02-JAN-1974	First Sample Examined: 3270
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 8035
Well Name: A003	Paleo Done By: OPERATOR	Borehole TVD: 6417
API Well Number: 177024015500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3270 - 8035	Water Depth: 365
Public Info Code: Y 18-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3270 /	DEF AT first sample examined	DEF IN 3
3870 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8035 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 22-JAN-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 8578
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 7398
API Well Number: 177024016200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8578	Water Depth: 365
Public Info Code: Y 16-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2901	DEF AT first sample examined	DEF IN 3
4310 / 3987	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8578 / 7399	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 19-FEB-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 7438
Well Name: A005	Paleo Done By: OPERATOR	Borehole TVD: 5316
API Well Number: 177024017100	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7438	Water Depth: 365
Public Info Code: Y 14-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2515	DEF AT first sample examined	DEF IN 3
4440 / 3426	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7438 / 5320	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 13-MAR-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 8485
Well Name: A006	Paleo Done By: OPERATOR	Borehole TVD: 5729
API Well Number: 177024017200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8485	Water Depth: 365
Public Info Code: Y 28-MAR-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2908	DEF AT first sample examined	DEF IN 3
5280 / 4087	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8486 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 10-APR-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 8208
Well Name: A007	Paleo Done By: OPERATOR	Borehole TVD: 4790
API Well Number: 177024017500	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 8208	Water Depth: 365
Public Info Code: Y 02-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2550	DEF AT first sample examined	DEF IN 3
5100 / 3460	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8208 / 4791	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 04-MAY-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 7711
Well Name: A008	Paleo Done By: OPERATOR	Borehole TVD: 7116
API Well Number: 177024017900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7690	Water Depth: 365
Public Info Code: Y 26-JUN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2656	DEF AT first sample examined	DEF IN 3
4440 / 3898	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7690 / 7096	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 07-MAY-1974	First Sample Examined: 4118
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 10163
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 5617
API Well Number: 177024017501	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 4118 - 10160	Water Depth: 365
Public Info Code: Y 26-MAY-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4118 / 3024	DEF AT first sample examined	DEF IN 3
5020 / 3417	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
10160 / 5616	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 21-JUN-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 7982
Well Name: A010	Paleo Done By: OPERATOR	Borehole TVD: 6857
API Well Number: 177024018600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 7900	Water Depth: 365
Public Info Code: Y 17-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2559	DEF AT first sample examined	DEF IN 3
4940 / 3972	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7900 / 6778	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 22-JUL-1974	First Sample Examined: 3030
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 8675
Well Name: A011	Paleo Done By: OPERATOR	Borehole TVD: 5694
API Well Number: 177024019000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3030 - 8660	Water Depth: 365
Public Info Code: Y 17-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3030 / 2338	DEF AT first sample examined	DEF IN 3
4970 / 3338	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
8660 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 15-AUG-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 9372
Well Name: A012	Paleo Done By: OPERATOR	Borehole TVD: 6197
API Well Number: 177024019700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9360	Water Depth: 365
Public Info Code: Y 09-SEP-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2540	DEF AT first sample examined	DEF IN 3
5310 / 3906	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9360 / 6190	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 16-SEP-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 9101
Well Name: A013	Paleo Done By: OPERATOR	Borehole TVD: 6623
API Well Number: 177024020300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9100	Water Depth: 365
Public Info Code: Y 06-OCT-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2464	DEF AT first sample examined	DEF IN 3
5010 / 3475	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9100 / 6642	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 15-OCT-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 10272
Well Name: A014	Paleo Done By: OPERATOR	Borehole TVD: 5855
API Well Number: 177024020900	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 10260	Water Depth: 365
Public Info Code: Y 09-NOV-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2392	DEF AT first sample examined	DEF IN 4
3990 / 2825	DEF AT - - - - -	DEF AT 3
6570 / 3982	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
10260 / 5849	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 13-NOV-1974	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 9661
Well Name: A015	Paleo Done By: OPERATOR	Borehole TVD: 4579
API Well Number: 177024021600	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9661	Water Depth: 365
Public Info Code: Y 09-DEC-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2295	DEF AT first sample examined	DEF IN 3
8180 / 4042	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9661 / 4581	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 06-DEC-1975	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 9385
Well Name: A016	Paleo Done By: OPERATOR	Borehole TVD: 7449
API Well Number: 177024022300	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9385	Water Depth: 365
Public Info Code: Y 19-JAN-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2652	DEF AT first sample examined	DEF IN 3
5010 / 3843	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
9385 / 7449	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 22-JAN-1975	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 9300
Well Name: A017	Paleo Done By: OPERATOR	Borehole TVD: 4871
API Well Number: 177024022800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 9300	Water Depth: 365
Public Info Code: Y 15-FEB-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2343	DEF AT first sample examined	DEF IN 3
5740 / 3490	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
9300 / 4872	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 19-FEB-1975	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 10467
Well Name: A018	Paleo Done By: OPERATOR	Borehole TVD: 5820
API Well Number: 177024023200	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 10467	Water Depth: 365
Public Info Code: Y 15-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2493	DEF AT first sample examined	DEF IN 3
6530 / 4038	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
10467 / 5821	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 13-MAR-1975	First Sample Examined: 3000
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 6309
Well Name: A019	Paleo Done By: OPERATOR	Borehole TVD: 5173
API Well Number: 177024023800	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3000 - 6290	Water Depth: 365
Public Info Code: Y 06-APR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 2945	DEF AT first sample examined	DEF IN 3
4320 / 4068	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
6290 / 5163	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 639	Date of Summary: 04-DEC-1975	First Sample Examined: 3500
Lease Number: G02027	Source of Paleo: OPERATOR	Borehole MD: 7648
Well Name: A020	Paleo Done By: OPERATOR	Borehole TVD: 5276
API Well Number: 177024030700	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 115
Paleo Report Num: 1 of 1	Sample Range: 3500 - 7640	Water Depth: 365
Public Info Code: Y 24-DEC-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3500 / 2957	DEF AT first sample examined	DEF IN 3
4760 / 3634	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
7640 / 5304	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 642	Date of Summary: 02-JUL-1974	First Sample Examined: 0
Lease Number: G02240	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 6530
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 6530
API Well Number: 177024018700	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 352
Public Info Code: Y 13-JUL-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 643	Date of Summary: 18-JUL-1974	First Sample Examined: 1300
Lease Number: G02241	Source of Paleo: OPERATOR	Borehole MD: 6324
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 6324
API Well Number: 177024016800	Drilling Operator: TENNECO OIL COMPANY	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1300 - 5870	Water Depth: 372
Public Info Code: Y 27-JUN-1984	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
1300 /	DEF AT first sample examined	DEF IN 2
1840 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
2230 /	DEF AT - - - - -	DEF AT 4
2740 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 4
3060 /	DEF AT - - - - -	DEF IN 3
3710 /	DEF AT - - - - -	DEF AT 3
3980 /	DEF IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4790 /	DEF AT - - - - -	DEF IN 3
4910 /	DEF AT - - - - -	DEF IN 2
5870 /	DEF AT last sample examined	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 648	Date of Summary: 30-JAN-1972	First Sample Examined: 1150
Lease Number: G02028	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12212
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12212
API Well Number: 177024002900	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1150 - 12060	Water Depth: 349
Public Info Code: Y 01-APR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1150 /	DEF AT first sample examined	DEF AT 1
1750 /	DEF AT local marker benthic foram increase	DEF AT 2
1810 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1870 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF IN 4
2590 /	DEF AT local marker foram decrease	DEF AT 4
2800 /	DEF AT - - - - -	DEF IN 3
3010 /	DEF AT local marker benthic foram increase	DEF IN 3
3140 /	DEF AT local marker benthic foram increase	DEF IN 2
3650 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
3830 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
3860 /	DEF AT local marker foram decrease	DEF AT 3
3980 /	DEF AT pyrite	DEF AT 3
4010 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4400 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4430 /	DEF AT local marker foram decrease	DEF IN 2
4640 /	DEF AT - - - - -	DEF AT 2
5540 /	POS AT local marker foram increase	DEF IN 2
5750 /	DEF AT - - - - -	DEF AT 2
5990 /	DEF AT local marker foram decrease	DEF IN 1
6320 /	DEF AT - - - - -	DEF AT 2
6800 /	DEF AT - - - - -	DEF IN 1
7220 /	DEF AT - - - - -	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 648	Date of Summary: 30-JAN-1972	First Sample Examined: 1150
Lease Number: G02028	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12212
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12212
API Well Number: 177024002900	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1150 - 12060	Water Depth: 349
Public Info Code: Y 01-APR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7660 /	POS AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2
7930 /	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF AT 3
7960 /	DEF AT - - - - -	DEF AT 4
7990 /	POS AT local marker foram decrease	DEF AT 3
8050 /	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
8110 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
8190 /	DEF AT cement	POS AT 4
8490 /	DEF AT - - - - -	DEF IN 2
9180 /	DEF AT - - - - -	DEF AT 2
10020 /	DEF AT local marker benthic foram increase	DEF AT 2
10410 /	DEF AT local marker benthic foram increase	DEF IN 2
10440 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
10560 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10590 /	DEF AT local marker foram decrease	DEF AT 3
10830 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
10920 /	DEF AT Cyclammina cancellata (local marker)	DEF IN 3
10950 /	POS AT Bathysiphon fauna	DEF AT 4
11130 /	DEF AT local marker foram decrease	DEF AT 3
11280 /	POS AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
11340 /	POS IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 5
11370 /	DEF AT pyrite	DEF AT 4
11400 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 6
11430 /	DEF AT local marker foram decrease	DEF AT 4
11459 /	DEF AT Bathysiphon fauna	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 648	Date of Summary: 30-JAN-1972	First Sample Examined: 1150
Lease Number: G02028	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12212
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12212
API Well Number: 177024002900	Drilling Operator: TEXACO INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 1150 - 12060	Water Depth: 349
Public Info Code: Y 01-APR-1977	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
11460 /	DEF AT local marker foram decrease	DEF AT 4
11550 /	DEF AT reworked material	POS IN 3
11760 /	DEF AT reworked material	POS AT 3
11970 /	DEF AT local marker benthic foram increase	DEF AT 3
12030 /	POS AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
12060 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 650	Date of Summary: 13-FEB-1974	First Sample Examined: 1000
Lease Number: G02242	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5605
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 5605
API Well Number: 177024009200	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5605	Water Depth: 345
Public Info Code: Y 30-DEC-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: 1585=Farmdalian interstadial

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 3
1001 /	DEF AT cement	POS AT 3
1585 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1810 /	DEF AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
2080 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
3115 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
4085 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 3
4580 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
4980 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5390 /	DEF AT local marker deep water fauna	DEF AT 4
5605 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 660	Date of Summary: 06-MAR-1974	First Sample Examined: 2000
Lease Number: G02246	Source of Paleo: OPERATOR	Borehole MD: 9687
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9687
API Well Number: 177024017000	Drilling Operator: SUN OIL COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 2000 - 9680	Water Depth: 412
Public Info Code: Y 29-DEC-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2000 /	DEF AT first sample examined	DEF IN 3
2900 /	DEF AT faunal change (no faunal increase)	DEF AT 4
3420 /	DEF AT faunal change (no faunal increase)	DEF AT 3
3630 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
5600 /	DEF AT faunal change (no faunal increase)	DEF AT 4
6410 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 5
6950 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
9680 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WC 661	Date of Summary: 27-JUN-1973	First Sample Examined: 1000
Lease Number: G02247	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 5550
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 5550
API Well Number: 177024011800	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 1000 - 5545	Water Depth: 416
Public Info Code: Y 22-JAN-1975	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 2
1001 /	DEF AT reworked material	POS AT 2
1270 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	POS AT 2
1450 /	DEF AT local marker benthic foram increase	DEF IN 1
1630 /	DEF AT local marker foram decrease	DEF IN 1
2080 /	DEF AT faunal change (no faunal increase)	DEF AT 2
2305 /	DEF AT Arenaceous fauna (local marker)	DEF AT 3
2620 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 3
2755 /	DEF AT pyrite	DEF AT 3
2800 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF IN 3
2845 /	DEF AT pyrite	DEF IN 2
2935 /	DEF AT local marker foram increase	DEF AT 3
3160 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
3350 /	DEF AT reworked material	POS AT 3
5020 /	DEF AT local marker benthic foram increase	POS AT 2
5245 /	DEF AT gray shale	DEF AT 2
5375 /	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
5545 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 23	Date of Summary: 10-AUG-1994	First Sample Examined: 16140
Lease Number: G01331	Source of Paleo: OPERATOR	Borehole MD: 16150
Well Name: 015	Paleo Done By: OPERATOR	Borehole TVD: 16150
API Well Number: 177190126300	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 39
Paleo Report Num: 1 of 1	Sample Range: 11610 - 16495	Water Depth: 25
Public Info Code: Y 28-JUN-1978	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

MD / TVD	Paleo Top Description	Ecozone
16140 /	DEF AT first sample examined	POS AT 1
16380 /	DEF AT - - - - -	DEF AT 2
16469 /	DEF IN Upper Miocene (Tortonian) Catinaster coalitus	DEF AT 3
16470 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 3
16495 /	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 26	Date of Summary: 03-JAN-1980	First Sample Examined: 3395
Lease Number: G03794	Source of Paleo: OPERATOR	Borehole MD: 12874
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12794
API Well Number: 177194017000	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3395 - 12874	Water Depth: 27
Public Info Code: Y 25-MAR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3395 / 3395	DEF AT first sample examined	DEF AT 2
3990 / 3990	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4170 / 4170	DEF AT - - - - -	DEF AT 2
7590 / 7588	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7830 / 7827	DEF IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7950 / 7947	DEF AT - - - - -	DEF AT 2
9600 / 9594	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10920 / 10897	DEF AT - - - - -	DEF AT 4
10950 / 10926	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11040 / 11015	DEF AT - - - - -	DEF AT 3
11490 / 11454	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
11580 / 11542	DEF AT - - - - -	DEF AT 2
11986 / 11937	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
12300 / 12241	DEF AT - - - - -	DEF AT 3
12874 / 12795	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 26	Date of Summary: 02-JAN-1980	First Sample Examined: 3680
Lease Number: G03794	Source of Paleo: OPERATOR	Borehole MD: 12000
Well Name: 003	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11995
API Well Number: 177194018200	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 3680 - 11970	Water Depth: 26
Public Info Code: Y 25-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3680 / 3680	DEF AT first sample examined	DEF AT 2
4220 / 4220	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4310 / 4310	DEF AT - - - - -	DEF AT 2
7760 / 7759	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8480 / 8478	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
9550 / 9547	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
9640 / 9637	DEF AT - - - - -	DEF AT 3
9880 / 9877	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10060 / 10057	DEF AT poor sample interval top	POS AT 2
11969 / 11964	DEF AT poor sample interval bottom	POS AT 2
11970 / 11965	DEF AT last sample examined	POS AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 26	Date of Summary: 05-MAY-1982	First Sample Examined: 4060
Lease Number: G03794	Source of Paleo: OPERATOR	Borehole MD: 12045
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12001
API Well Number: 177194024500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 1 of 2	Sample Range: 4060 - 12040	Water Depth: 23
Public Info Code: Y 25-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark: Original hole report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4060 / 4060	DEF AT first sample examined	DEF AT 3
4061 / 4061	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
4300 / 4300	DEF AT - - - - -	DEF AT 2
7749 / 7748	DEF AT Eggerella sp. (local marker)	DEF AT 3
7750 / 7749	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
8080 / 8079	DEF AT - - - - -	DEF AT 2
8650 / 8649	DEF AT - - - - -	DEF AT 3
9130 / 9129	DEF AT - - - - -	DEF AT 4
9159 / 9158	DEF AT Eggerella sp. (local marker)	DEF AT 4
9160 / 9159	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
9580 / 9579	DEF AT - - - - -	DEF AT 3
9910 / 9909	DEF AT - - - - -	DEF AT 4
10240 / 10235	DEF AT - - - - -	DEF AT 3
11290 / 11253	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 4
11950 / 11907	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
12040 / 11996	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 26	Date of Summary: 05-MAY-1982	First Sample Examined: 9700
Lease Number: G03794	Source of Paleo: OPERATOR	Borehole MD: 12045
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 12001
API Well Number: 177194024500	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 86
Paleo Report Num: 2 of 2	Sample Range: 9700 - 11980	Water Depth: 23
Public Info Code: Y 25-MAR-1985	Ecozone Eq MMS:	Paleo ID: 002

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9700 / 9699	DEF AT first sample examined	DEF AT 3
9701 / 9700	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
11410 / 11371	DEF AT Upper Miocene (Tortonian) Bolivina thalmanni	DEF AT 4
11980 / 11936	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 26	Date of Summary: 19-JUL-1983	First Sample Examined: 0
Lease Number: G03794	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14761
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12546
API Well Number: 177194027600	Drilling Operator: C & K PETROLEUM INC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 25
Public Info Code: Y 25-MAR-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4200 / 4200	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8730 / 8670	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
10470 / 9747	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11090 / 10120	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 29	Date of Summary: 22-NOV-1999	First Sample Examined: 7000
Lease Number: 00385	Source of Paleo: OPERATOR	Borehole MD: 11393
Well Name: C001	Paleo Done By: OPERATOR	Borehole TVD: 11393
API Well Number: 177190009100	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 7000 - 11390	Water Depth: 42
Public Info Code: Y 08-APR-1966	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
7000 /	DEF AT first sample examined	DEF AT 1
7060 /	DEF AT -----	DEF AT 2
7270 /	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 2
7330 /	DEF AT -----	DEF AT 3
7560 /	DEF AT -----	DEF AT 2
7860 /	DEF AT -----	DEF AT 4
8040 /	DEF AT -----	DEF AT 3
8250 /	DEF AT -----	DEF AT 4
8280 /	DEF IN Upper Miocene (Tortonian) Textularia "L"	DEF AT 4
9480 /	DEF AT -----	DEF AT 2
9900 /	DEF AT -----	DEF AT 3
10190 /	DEF AT -----	DEF AT 2
10430 /	DEF AT -----	DEF AT 4
10460 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 4
10550 /	DEF AT -----	DEF AT 5
10850 /	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 5
11150 /	DEF AT -----	DEF AT 4
11210 /	DEF AT Upper Miocene (Tortonian) Cibicides carstensi (increase)	DEF AT 4
11270 /	DEF AT -----	DEF AT 5
11330 /	DEF AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 5
11390 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 29	Date of Summary: 10-AUG-1994	First Sample Examined: 5980
Lease Number: 00385	Source of Paleo: OPERATOR	Borehole MD: 7477
Well Name: C004	Paleo Done By: OPERATOR	Borehole TVD: 6923
API Well Number: 177190009301	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 4870 - 7089	Water Depth: 42
Public Info Code: Y 27-JUL-1966	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5980 / 5571	DEF AT first sample examined	DEF AT 0
5981 / 5572	DEF AT non-marine sediment	DEF AT 0
6610 / 6138	DEF IN Upper Miocene (Messinian) Discoaster quinquaramus	DEF AT 1
6850 / 6353	DEF AT - - - - -	DEF AT 2
7000 / 6487	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
7089 / 6567	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 29	Date of Summary: 11-AUG-1994	First Sample Examined: 6020
Lease Number: 00385	Source of Paleo: OPERATOR	Borehole MD: 7134
Well Name: C009	Paleo Done By: OPERATOR	Borehole TVD: 6500
API Well Number: 177190009801	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 65
Paleo Report Num: 1 of 1	Sample Range: 5160 - 7134	Water Depth: 42
Public Info Code: Y 15-MAR-1968	Ecozone Eq MMS: Y	Paleo ID: 001

Remark: Company-integrated foram and nanno report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6020 / 5496	DEF AT first sample examined	DEF AT 1
6021 / 5497	DEF IN Upper Miocene (Messinian) Discoaster quinqueramus	DEF AT 1
6200 / 5659	DEF AT non-marine sediment	DEF AT 0
6860 / 6252	DEF AT - - - - -	DEF AT 1
7134 / 6502	DEF AT last sample examined	DEF AT 1

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 30	Date of Summary: 30-DEC-1957	First Sample Examined: 4984
Lease Number: 00026	Source of Paleo: OPERATOR	Borehole MD: 8268
Well Name: P001	Paleo Done By: OPERATOR	Borehole TVD: 8268
API Well Number: 177190019200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 61
Paleo Report Num: 1 of 1	Sample Range: 4984 - 8268	Water Depth: 43
Public Info Code: Y 09-JUL-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4984 /	DEF AT first sample examined	DEF AT
5811 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
5901 /	DEF AT Eggerella sp. (local marker)	DEF AT
6153 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
6792 /	DEF AT local marker benthic foram increase	DEF AT
6827 /	DEF AT Arenaceous fauna (local marker)	DEF AT
6828 /	POS IN Upper Miocene (Tortonian) Uvigerina 3	DEF AT
8044 /	DEF AT Eggerella sp. (local marker)	DEF AT
8268 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 30	Date of Summary: 07-MAY-1958	First Sample Examined: 5010
Lease Number: 00026	Source of Paleo: OPERATOR	Borehole MD: 8500
Well Name: P002	Paleo Done By: OPERATOR	Borehole TVD: 8217
API Well Number: 177190019300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 56
Paleo Report Num: 1 of 1	Sample Range: 5010 - 8500	Water Depth: 43
Public Info Code: Y 02-NOV-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5010 / 4797	DEF AT first sample examined	DEF AT
5820 / 5565	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT
7148 / 6868	DEF AT Eggerella sp. (local marker)	DEF AT
7378 / 7097	DEF AT local marker benthic foram increase	DEF AT
8500 / 8219	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 33	Date of Summary: 30-NOV-1978	First Sample Examined: 2030
Lease Number: G01494	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 11000
Well Name: A001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 11000
API Well Number: 177190116500	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 2030 - 11110	Water Depth: 71
Public Info Code: Y 21-DEC-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2030 /	DEF AT first sample examined	DEF AT 2
2210 /	POS IN Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 2
2270 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2810 /	POS AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 3
2840 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
2870 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
2970 /	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
3060 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
3180 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4220 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
5860 /	DEF AT local marker benthic foram increase	DEF AT 3
7770 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9120 /	DEF AT Upper Miocene (Tortonian) Cyclamina 3	DEF AT 4
10080 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 4
10740 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 4
10980 /	DEF AT local marker planktic foram increase	DEF AT 4
11110 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 34	Date of Summary: 03-MAY-1977	First Sample Examined: 0
Lease Number: G03414	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14246
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 14246
API Well Number: 177194008400	Drilling Operator: TRANSCO EXPLORATION COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 35
Public Info Code: Y 14-APR-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7980 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9690 /	DEF AT local marker benthic foram increase	DEF AT
11400 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11830 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
14170 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 35	Date of Summary: 22-MAR-1973	First Sample Examined: 9983
Lease Number: G02165	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17000
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 16978
API Well Number: 177194002000	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 51
Paleo Report Num: 1 of 1	Sample Range: 9983 - 17000	Water Depth: 59
Public Info Code: Y 17-FEB-1983	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9983 / 9981	DEF AT first sample examined	POS AT 2
10458 / 10456	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 3
10542 / 10540	DEF AT faunal change (no faunal increase)	DEF AT 2
10925 / 10923	POS AT Upper Miocene (Tortonian) Bigenerina "B"	DEF AT 2
11226 / 11224	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 3
11402 / 11400	DEF IN Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 3
11532 / 11530	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11619 / 11617	DEF AT local marker benthic foram increase	DEF AT 2
11679 / 11677	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 3
11766 / 11764	DEF AT Upper Miocene (Tortonian) Globorotalia mayeri	DEF AT 3
11851 / 11849	DEF AT Arenaceous fauna (local marker)	DEF IN 2
11981 / 11979	DEF AT local marker foram decrease	DEF IN 2
12349 / 12347	POS AT drilling material	DEF IN 2
13149 / 13147	DEF AT deepwater facies Listerella fauna	DEF AT 4
13705 / 13703	POS AT Upper Miocene (Tortonian) Cibicides carstensi	DEF AT 3
13736 / 13734	DEF AT local marker foram decrease	DEF IN 2
13953 / 13951	DEF AT poor sample interval top	DEF AT 3
15419 / 15408	DEF AT Eggerella sp. (local marker)	DEF AT 3
16983 / 16961	POS AT Middle Miocene (Serravallian) Globorotalia fohsi robusta	DEF AT 3
16984 / 16962	DEF AT poor sample interval bottom	DEF AT 3
17000 / 16978	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 36	Date of Summary: 10-FEB-1969	First Sample Examined: 0
Lease Number: G01070	Source of Paleo: OPERATOR	Borehole MD: 13165
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13165
API Well Number: 177190110700	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 73
Public Info Code: Y 31-MAY-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3252 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10460 /	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 36	Date of Summary: 01-OCT-1971	First Sample Examined: 13015
Lease Number: G01988	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16500
Well Name: 005	Paleo Done By: LEE LATTA	Borehole TVD: 16497
API Well Number: 177192013900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 41
Paleo Report Num: 1 of 1	Sample Range: 13015 - 16500	Water Depth: 71
Public Info Code: Y 14-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13015 / 13013	DEF AT first sample examined	DEF IN 4
13016 / 13014	DEF AT cement	DEF IN 4
13328 / 13326	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
13360 / 13358	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
13857 / 13855	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
14169 / 14167	DEF IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
14450 / 14448	DEF AT local marker benthic foram increase	DEF AT 5
15072 / 15070	POS AT deepwater facies Listerella fauna	DEF AT 5
15073 / 15071	POS AT Eggerella sp. (local marker)	DEF AT 5
15572 / 15569	POS AT local marker planktic foram increase	DEF AT 5
16094 / 16091	POS AT local marker benthic foram increase	DEF AT 5
16435 / 16432	DEF AT local marker deep water fauna	DEF AT 6
16500 / 16496	DEF AT last sample examined	DEF AT 6

This report contains public paleo reports only for the time period stated

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 41	Date of Summary: 14-JAN-1969	First Sample Examined: 6410
Lease Number: G01073	Source of Paleo: OPERATOR	Borehole MD: 12250
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12250
API Well Number: 177190112300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 30
Paleo Report Num: 1 of 1	Sample Range: 6410 - 14360	Water Depth: 83
Public Info Code: Y 20-MAR-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6410 /	DEF AT first sample examined	DEF AT
8060 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8630 /	DEF AT Eggerella sp. (local marker)	DEF AT
9050 /	DEF AT Cyclammina cancellata (local marker)	DEF AT
10100 /	POS IN Upper Miocene (Tortonian) Discorbis 12	DEF AT
12890 /	DEF AT Upper Miocene (Tortonian) Eponides mansfieldi	DEF AT
12920 /	DEF AT shell fragments	DEF AT
14360 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 46	Date of Summary: 25-JAN-1982	First Sample Examined: 0
Lease Number: G04004	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 12500
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12469
API Well Number: 177194016600	Drilling Operator: HOUSTON OIL & MINERALS CORPORA	Rkb Elevation: 78
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 62
Public Info Code: Y 24-FEB-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7250 / 7249	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8780 / 8779	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
10300 / 10298	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 46	Date of Summary: 30-JAN-1984	First Sample Examined: 2970
Lease Number: G04004	Source of Paleo: OPERATOR	Borehole MD: 11000
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 10996
API Well Number: 177194031400	Drilling Operator: SAMEDAN OIL CORPORATION	Rkb Elevation: 98
Paleo Report Num: 1 of 1	Sample Range: 2970 - 11000	Water Depth: 60
Public Info Code: Y 24-FEB-1984	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2970 /	DEF AT first sample examined	DEF IN 2
4260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF IN 2
4770 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF IN 2
5070 /	DEF AT - - - - -	DEF AT 3
7530 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
7890 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
8640 /	DEF AT - - - - -	DEF AT 4
9990 /	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
11000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 59	Date of Summary: 02-MAR-1960	First Sample Examined: 3140
Lease Number: 00147	Source of Paleo: OPERATOR	Borehole MD: 13259
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 13259
API Well Number: 177190053100	Drilling Operator: CONOCO PIPE LINE COMPANY	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 3140 - 13250	Water Depth: 54
Public Info Code: Y 16-AUG-1975	Ecozone Eq MMS:	Paleo ID: 003

Remark:

MD / TVD	Paleo Top Description	Ecozone
3140 /	DEF AT first sample examined	DEF AT 3
3141 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
3260 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
4040 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
4790 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
7680 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9430 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
10810 /	DEF AT Upper Miocene (Tortonian) Textularia "G"	DEF AT 4
13250 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 59	Date of Summary: 10-JAN-1960	First Sample Examined: 10450
Lease Number: 00147	Source of Paleo: OPERATOR	Borehole MD: 14116
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 13403
API Well Number: 177190053500	Drilling Operator: CONOCO INC	Rkb Elevation: 62
Paleo Report Num: 1 of 1	Sample Range: 10450 - 14080	Water Depth: 54
Public Info Code: Y 16-AUG-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10450 / 10005	DEF AT first sample examined	DEF AT
10451 / 10006	DEF AT sample gap top	DEF AT
10488 / 10042	DEF AT sample gap bottom	DEF AT
10489 / 10043	DEF AT Arenaceous fauna (local marker)	DEF AT
10490 / 10044	DEF AT Cyclammina cancellata (local marker)	DEF AT
10821 / 10361	DEF AT fault	DEF AT
10822 / 10362	DEF IN Bathysiphon fauna	DEF AT
12171 / 11639	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT
14080 / 13382	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 61	Date of Summary: 18-SEP-1977	First Sample Examined: 3000
Lease Number: G03186	Source of Paleo: OPERATOR	Borehole MD: 11271
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 11271
API Well Number: 177194008500	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 3000 - 11271	Water Depth: 80
Public Info Code: Y 16-APR-1987	Ecozone Eq MMS:	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
3000 /	DEF AT first sample examined	DEF AT
3001 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
3570 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5730 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8250 /	DEF AT Cyclammina sp. (local marker)	DEF AT 3
9180 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 3
9690 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 3
10770 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 3
11160 /	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF IN 3
11271 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 61	Date of Summary: 20-OCT-1977	First Sample Examined: 0
Lease Number: G03186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10003
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 9962
API Well Number: 177194010300	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 80
Public Info Code: Y 24-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9830 / 9790	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 61	Date of Summary: 25-OCT-1977	First Sample Examined: 6570
Lease Number: G03186	Source of Paleo: OPERATOR	Borehole MD: 12546
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10919
API Well Number: 177194010301	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 6570 - 12540	Water Depth: 80
Public Info Code: Y 10-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
6570 / 6568	DEF AT first sample examined	DEF AT 2
8580 / 8357	DEF AT - - - - -	DEF AT 4
8610 / 8380	POS AT Lower Pliocene (Zanclian) Globorotalia margaritae	DEF AT 4
8820 / 8537	DEF AT - - - - -	DEF AT 3
9630 / 9125	DEF AT - - - - -	DEF AT 4
9719 / 9193	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 4
9720 / 9193	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9840 / 9285	DEF AT - - - - -	DEF AT 3
10649 / 9874	DEF AT Eggerella 3 (local marker)	DEF AT 4
10650 / 9875	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
11130 / 10192	DEF AT - - - - -	DEF AT 3
11430 / 10371	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
11730 / 10544	DEF AT - - - - -	DEF AT 3
12030 / 10690	DEF AT - - - - -	DEF AT 2
12540 / 10917	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 61	Date of Summary: 22-SEP-1977	First Sample Examined: 0
Lease Number: G03186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 10348
Well Name: A001	Paleo Done By: OPERATOR	Borehole TVD: 10346
API Well Number: 177194010400	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 85
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 22-OCT-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9160 / 9159	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9850 / 9848	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 61	Date of Summary: 15-OCT-1987	First Sample Examined: 0
Lease Number: G03186	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9950
Well Name: A002	Paleo Done By: OPERATOR	Borehole TVD: 9676
API Well Number: 177194011200	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 114
Public Info Code: Y 17-DEC-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3660 / 3597	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
6090 / 5849	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8760 / 8486	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 62	Date of Summary: 06-JAN-1969	First Sample Examined: 0
Lease Number: G01075	Source of Paleo: OPERATOR	Borehole MD: 16000
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 16000
API Well Number: 177190069800	Drilling Operator: MOBIL OIL EXPLORATION & PRODUC	Rkb Elevation: 103
Paleo Report Num: 1 of 2	Sample Range: 0 - 0	Water Depth: 118
Public Info Code: Y 24-MAY-1967	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5025 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8520 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
9600 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 62	Date of Summary: 25-OCT-1977	First Sample Examined: 3710
Lease Number: G03601	Source of Paleo: OPERATOR	Borehole MD: 9865
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 9865
API Well Number: 177194010800	Drilling Operator: MESA PETROLEUM CO	Rkb Elevation: 82
Paleo Report Num: 1 of 1	Sample Range: 3710 - 9860	Water Depth: 118
Public Info Code: Y 11-NOV-1987	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3710 / 3710	DEF AT first sample examined	DEF AT 2
3711 / 3711	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 2
5750 / 5750	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
5870 / 5870	DEF AT - - - - -	DEF AT 2
8150 / 8149	DEF AT - - - - -	DEF AT 3
8270 / 8269	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 3
9200 / 9199	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
9290 / 9289	DEF AT - - - - -	DEF AT 3
9380 / 9379	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 3
9860 / 9859	DEF AT last sample examined	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 64	Date of Summary: 27-OCT-1971	First Sample Examined: 7010
Lease Number: G01077	Source of Paleo: OPERATOR	Borehole MD: 13019
Well Name: A001	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13019
API Well Number: 177192017300	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 7010 - 13020	Water Depth: 118
Public Info Code: Y 15-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7010 /	DEF AT first sample examined	DEF IN 2
7610 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 2
8600 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 2
8810 /	DEF AT - - - -	DEF AT 3
9140 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 3
9860 /	DEF AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
10220 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
10320 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 64	Date of Summary: 19-OCT-1972	First Sample Examined: 13010
Lease Number: G01077	Source of Paleo: OPERATOR	Borehole MD: 13839
Well Name: A002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11620
API Well Number: 177194001300	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 13010 - 13834	Water Depth: 118
Public Info Code: Y 15-NOV-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13010 / 11010	DEF AT first sample examined	DEF AT
13011 / 11011	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT
13834 / 11636	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 64	Date of Summary: 14-NOV-1972	First Sample Examined: 11090
Lease Number: G01077	Source of Paleo: OPERATOR	Borehole MD: 13600
Well Name: A003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 13538
API Well Number: 177194001301	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 11090 - 13600	Water Depth: 118
Public Info Code: Y 15-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11090 / 11030	DEF AT first sample examined	DEF IN 4
11091 / 11031	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF IN 4
13600 / 13539	DEF AT last sample examined	DEF IN 4

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 64	Date of Summary: 14-SEP-1972	First Sample Examined: 13278
Lease Number: G01077	Source of Paleo: OPERATOR	Borehole MD: 14197
Well Name: A004	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 14060
API Well Number: 177194001500	Drilling Operator: BELCO PETROLEUM CORPORATION	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 13278 - 13814	Water Depth: 118
Public Info Code: Y 15-NOV-1979	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13278 / 13137	DEF AT first sample examined	DEF AT 4
13279 / 13138	DEF IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13814 / 13673	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 65	Date of Summary: 01-OCT-1971	First Sample Examined: 7490
Lease Number: G01078	Source of Paleo: OPERATOR	Borehole MD: 13500
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13500
API Well Number: 177190136500	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 7490 - 13500	Water Depth: 118
Public Info Code: Y 25-APR-1967	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7490 /	DEF AT first sample examined	DEF IN 2
8510 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 2
8920 /	DEF AT - - - - -	DEF AT 3
9050 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF IN 3
9710 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT 4
11060 /	DEF AT - - - - -	DEF IN 4
11270 /	DEF AT - - - - -	DEF AT 4
11810 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 5
12020 /	DEF AT - - - - -	DEF AT 4
13490 /	DEF AT - - - - -	DEF IN 4
13500 /	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 65	Date of Summary: 13-MAR-1967	First Sample Examined: 5000
Lease Number: G01078	Source of Paleo: OPERATOR	Borehole MD: 13948
Well Name: 004	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13948
API Well Number: 177190113000	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 88
Paleo Report Num: 1 of 1	Sample Range: 5000 - 13920	Water Depth: 118
Public Info Code: Y 25-APR-1967	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF AT
5510 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7820 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
8300 /	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
8450 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
9110 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
9890 /	DEF AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF AT
9980 /	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT
10970 /	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
11770 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
13490 /	DEF AT Arenaceous fauna (local marker)	DEF AT
13920 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 74	Date of Summary: 03-OCT-1974	First Sample Examined: 0
Lease Number: G01084	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 8521
Well Name: F030	Paleo Done By: OPERATOR	Borehole TVD: 8221
API Well Number: 177194004300	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 100
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 170
Public Info Code: Y 24-AUG-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3950 / 3942	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 75	Date of Summary: 10-FEB-1969	First Sample Examined: 0
Lease Number: G01085	Source of Paleo: OPERATOR	Borehole MD: 13700
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13700
API Well Number: 177190074100	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 37
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 160
Public Info Code: Y 31-MAR-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5737 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9006 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
11744 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 76	Date of Summary: 05-JAN-1979	First Sample Examined: 500
Lease Number: G01589	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 10000
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 10000
API Well Number: 177190131200	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 500 - 10000	Water Depth: 180
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
500 /	DEF AT first sample examined	DEF AT 2
620 /	DEF AT local marker foram increase	DEF AT 2
680 /	DEF AT local marker planktic foram increase	DEF AT 3
910 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
1270 /	DEF IN Middle Pleistocene (Ionian) Sphaeroidinella dehiscens (acme)	DEF AT 3
1990 /	POS AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 3
2350 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 3
2590 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
3689 /	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 3
3690 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4050 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4109 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
4110 /	DEF AT local marker planktic foram increase	DEF AT 3
4530 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
5010 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF IN 3
5550 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
6960 /	DEF AT local marker planktic foram increase	DEF AT 4
6990 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
8760 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9960 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
10000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 78	Date of Summary: 16-APR-1979	First Sample Examined: 5000
Lease Number: G01450	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16500
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 16500
API Well Number: 177190124000	Drilling Operator: CONOCO INC	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5000 - 16510	Water Depth: 110
Public Info Code: Y 30-APR-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5000 /	DEF AT first sample examined	DEF IN 2
5120 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
7340 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9710 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5
10070 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
10790 /	DEF AT Arenaceous fauna (local marker)	DEF AT 5
11210 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
11240 /	DEF AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
11780 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
12020 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT 4
12260 /	DEF AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT 4
12500 /	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13399 /	DEF AT Bathysiphon fauna	DEF AT 4
13400 /	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
13550 /	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT 5
13790 /	DEF AT deepwater facies Listerella fauna	DEF AT 5
14360 /	POS AT Cyclammina cancellata (local marker)	DEF AT 5
14510 /	DEF AT local marker foram increase	DEF AT 5
15320 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
15650 /	DEF AT Upper Miocene (Tortonian) Textularia "L"	DEF AT 5
16510 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 79	Date of Summary: 23-NOV-1971	First Sample Examined: 8013
Lease Number: G01874	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 19066
Well Name: A010	Paleo Done By: LEE LATTA	Borehole TVD: 17708
API Well Number: 177190136300	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 8013 - 19065	Water Depth: 132
Public Info Code: Y 25-JUL-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8013 / 7044	DEF AT first sample examined	DEF IN 2
8103 / 7118	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 2
10123 / 8827	POS AT Upper Miocene (Tortonian) Amphistegina "E"	DEF AT 3
10832 / 9494	DEF AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
11737 / 10384	DEF AT local marker benthic foram increase	DEF AT 4
11799 / 10445	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11893 / 10539	DEF AT Bathysiphon fauna	DEF AT 4
13497 / 12142	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14211 / 12856	DEF AT Bathysiphon fauna	DEF AT 4
15373 / 14018	DEF AT faunal change (no faunal increase)	DEF AT 4
16138 / 14783	DEF AT faunal change (no faunal increase)	DEF AT 5
16407 / 15052	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT 5
17517 / 16162	DEF AT Upper Miocene (Tortonian) Bolivina thalmani	DEF AT 5
17518 / 16163	DEF AT Eggerella sp. (local marker)	DEF AT 5
18081 / 16726	DEF AT Bathysiphon fauna	DEF AT 5
18267 / 16912	DEF AT local marker deep water fauna	DEF AT 6
19065 / 17710	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 79	Date of Summary: 26-JUN-1970	First Sample Examined: 13000
Lease Number: G01874	Source of Paleo: OPERATOR	Borehole MD: 17111
Well Name: B001	Paleo Done By: OPERATOR	Borehole TVD: 17111
API Well Number: 177190132200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 2	Sample Range: 13000 - 17073	Water Depth: 150
Public Info Code: Y 09-MAR-1980	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 / 12998	DEF AT first sample examined	DEF AT
13060 / 13058	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF AT
14290 / 14288	POS AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
14980 / 14977	DEF AT Upper Miocene (Tortonian) Discorbis 12	DEF AT
16368 / 16365	DEF AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF AT
16687 / 16684	DEF AT local marker benthic foram increase	DEF AT
17043 / 17040	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 79	Date of Summary: 14-JUL-1970	First Sample Examined: 13000
Lease Number: G01874	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 17111
Well Name: B001	Paleo Done By: LEE LATTA	Borehole TVD: 17111
API Well Number: 177190132200	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 96
Paleo Report Num: 2 of 2	Sample Range: 13000 - 17073	Water Depth: 150
Public Info Code: Y 09-MAR-1972	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13000 / 12998	DEF AT first sample examined	DEF AT 4
13001 / 12999	DEF IN Cyclammina cancellata (local marker)	DEF AT 4
13059 / 13057	DEF AT Bathysiphon fauna	DEF AT 4
13060 / 13058	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
13929 / 13927	DEF AT local marker benthic foram increase	DEF AT 4
13930 / 13928	DEF AT Arenaceous fauna (local marker)	DEF AT 4
14980 / 14977	DEF AT faunal change (no faunal increase)	DEF AT 5
15996 / 15993	DEF AT Eggerella sp. (local marker)	DEF AT 5
16150 / 16147	DEF AT Eggerella sp. (local marker)	DEF AT 5
16687 / 16684	DEF AT local marker deep water fauna	DEF AT 6
17073 / 17070	DEF AT last sample examined	DEF AT 6

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 79	Date of Summary: 17-MAR-1969	First Sample Examined: 10000
Lease Number: G01874	Source of Paleo: OPERATOR	Borehole MD: 16181
Well Name: C001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 16181
API Well Number: 177190133900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 1 of 2	Sample Range: 10000 - 16170	Water Depth: 150
Public Info Code: Y 15-MAR-1971	Ecozone Eq MMS: N	Paleo ID: 002

Remark:

MD / TVD	Paleo Top Description	Ecozone
10000 / 9999	DEF AT first sample examined	DEF AT
10001 / 10000	POS IN Upper Miocene (Tortonian) Sphaeroidinellopsis disjuncta	DEF AT
10180 / 10179	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
10980 / 10979	DEF AT Eggerella sp. (local marker)	DEF AT
10981 / 10980	POS IN Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT
12390 / 12388	POS AT Upper Miocene (Tortonian) Cristellaria "K"	DEF AT
13199 / 13197	DEF AT Bathysiphon fauna	DEF AT
13200 / 13198	POS IN Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT
14100 / 14098	POS AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT
16170 / 16167	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 79	Date of Summary: 21-JUL-1970	First Sample Examined: 10000
Lease Number: G01874	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16181
Well Name: C001	Paleo Done By: LEE LATTA	Borehole TVD: 16181
API Well Number: 177190133900	Drilling Operator: BURMAH OIL & GAS COMPANY	Rkb Elevation: 90
Paleo Report Num: 2 of 2	Sample Range: 10000 - 16170	Water Depth: 150
Public Info Code: Y 15-MAR-1979	Ecozone Eq MMS: Y	Paleo ID: 003

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 / 9999	DEF AT first sample examined	DEF IN 4
10001 / 10000	POS IN Upper Miocene (Tortonian) Textularia 6	DEF IN 4
10180 / 10179	POS AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF IN 4
10570 / 10569	POS AT Upper Miocene (Tortonian) Melonis pompilioides (increase)	DEF IN 4
12390 / 12388	POS AT Upper Miocene (Tortonian) Cyclammina 3	DEF IN 4
12420 / 12418	DEF AT Bathysiphon fauna	DEF IN 4
12890 / 12888	POS AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 4
13170 / 13168	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF IN 4
13200 / 13198	DEF AT Bathysiphon fauna	DEF IN 4
13590 / 13588	POS AT Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4
14100 / 14098	POS IN Upper Miocene (Tortonian) Cibicides crebbisi	DEF IN 4
14280 / 14278	POS AT deepwater facies Listerella fauna	DEF IN 4
16140 / 16137	DEF AT last sample examined	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 80	Date of Summary: 08-SEP-1971	First Sample Examined: 11380
Lease Number: G01989	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16577
Well Name: D006	Paleo Done By: LEE LATTA	Borehole TVD: 15202
API Well Number: 177192016300	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 108
Paleo Report Num: 1 of 1	Sample Range: 11380 - 16560	Water Depth: 100
Public Info Code: Y 15-AUG-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
11380 / 10035	DEF AT first sample examined	DEF AT 4
11381 / 10036	DEF IN Cyclammina sp. (local marker)	DEF AT 4
11830 / 10462	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11940 / 10570	DEF AT Bathysiphon fauna	DEF AT 4
12060 / 10688	DEF AT Upper Miocene (Tortonian) Cibicides trincherasensis	DEF AT 4
13460 / 12084	DEF AT Upper Miocene (Tortonian) Uvigerina carapitana	DEF AT 4
13670 / 12294	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
14090 / 12713	DEF AT Bathysiphon fauna	DEF AT 4
14359 / 12982	DEF AT Bathysiphon fauna	DEF AT 4
14360 / 12983	POS IN Upper Miocene (Tortonian) Cyclammina 3	DEF AT 4
14780 / 13402	POS AT Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 4
16380 / 15000	POS IN Upper Miocene (Tortonian) Cibicides crebbsi	DEF AT 5
16560 / 15180	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 86	Date of Summary: 21-APR-1975	First Sample Examined: 0
Lease Number: G02934	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13000
API Well Number: 177194005100	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 150
Public Info Code: Y 01-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3670 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
4990 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
6490 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT
8230 /	POS AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
10495 /	DEF AT Upper Miocene (Tortonian) Bigenerina floridana / "A"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 87	Date of Summary: 19-JUN-1979	First Sample Examined: 1000
Lease Number: G04006	Source of Paleo: OPERATOR	Borehole MD: 13528
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13528
API Well Number: 177194015800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13500	Water Depth: 225
Public Info Code: Y 03-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
1000 /	DEF AT first sample examined	POS AT 3
1001 /	DEF AT cement	POS AT 3
1060 /	DEF AT faunal change (no faunal increase)	DEF AT 3
1210 /	DEF AT faunal change (no faunal increase)	DEF AT 1
1900 /	DEF AT faunal change (no faunal increase)	DEF AT 4
2200 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
2440 /	DEF AT faunal change (no faunal increase)	DEF AT 5
3010 /	DEF AT faunal change (no faunal increase)	DEF AT 3
4150 /	POS IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4210 /	DEF AT faunal change (no faunal increase)	DEF AT 2
5679 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
5680 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
6040 /	DEF AT faunal change (no faunal increase)	DEF AT 2
6790 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9019 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
9020 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
9290 /	DEF AT faunal change (no faunal increase)	DEF AT 3
9560 /	DEF AT faunal change (no faunal increase)	DEF AT 4
10219 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10220 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10580 /	DEF IN Upper Miocene (Tortonian) Textularia 6	DEF AT 5
10700 /	DEF AT faunal change (no faunal increase)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 87	Date of Summary: 19-JUN-1979	First Sample Examined: 1000
Lease Number: G04006	Source of Paleo: OPERATOR	Borehole MD: 13528
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 13528
API Well Number: 177194015800	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 1000 - 13500	Water Depth: 225
Public Info Code: Y 03-JAN-1984	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11830 /	DEF AT faunal change (no faunal increase)	DEF AT 5
11920 /	DEF AT faunal change (no faunal increase)	DEF AT 4
12489 /	DEF AT Upper Miocene (Tortonian) Planulina renzi	DEF AT 5
12490 /	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 5
12610 /	DEF AT faunal change (no faunal increase)	DEF AT 4
13020 /	DEF AT local marker benthic foram increase	DEF AT 4
13070 /	DEF AT faunal change (no faunal increase)	DEF AT 5
13500 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 90	Date of Summary: 11-MAY-2001	First Sample Examined: 0
Lease Number: G01089	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9955
Well Name: A009	Paleo Done By: OPERATOR	Borehole TVD: 9106
API Well Number: 177190077300	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 75
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 180
Public Info Code: Y 24-AUG-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 / 3742	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4330 / 4031	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
5750 / 5293	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9140 / 8305	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 103	Date of Summary: 21-JUL-1969	First Sample Examined: 10000
Lease Number: 00840	Source of Paleo: OPERATOR	Borehole MD: 15240
Well Name: A004	Paleo Done By: OPERATOR	Borehole TVD: 15240
API Well Number: 177190100000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 86
Paleo Report Num: 1 of 1	Sample Range: 10000 - 15240	Water Depth: 225
Public Info Code: Y 04-JAN-1976	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10000 /	DEF AT first sample examined	DEF AT
10001 /	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
15240 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 105	Date of Summary: 21-JUL-1969	First Sample Examined: 8020
Lease Number: 00842	Source of Paleo: OPERATOR	Borehole MD: 12960
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12960
API Well Number: 177190065500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 79
Paleo Report Num: 1 of 1	Sample Range: 8020 - 12960	Water Depth: 229
Public Info Code: Y 13-JUN-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8020 /	DEF AT first sample examined	DEF AT
8570 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12960 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 106	Date of Summary: 10-FEB-1969	First Sample Examined: 7492
Lease Number: G01099	Source of Paleo: OPERATOR	Borehole MD: 15696
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15696
API Well Number: 177190130200	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 7492 - 15696	Water Depth: 200
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7492 / 7492	DEF AT first sample examined	DEF AT
7493 / 7493	DEF IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
14597 / 14591	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT
15696 / 15687	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 106	Date of Summary: 04-JAN-1978	First Sample Examined: 6105
Lease Number: G03602	Source of Paleo: OPERATOR	Borehole MD: 12891
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 12891
API Well Number: 177194011100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 1 of 2	Sample Range: 6105 - 12891	Water Depth: 208
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6105 /	DEF AT first sample examined	DEF AT
6980 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
12891 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 106	Date of Summary: 08-DEC-1978	First Sample Examined: 4260
Lease Number: G03602	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12891
Well Name: 001	Paleo Done By: JOHN CARSTENS	Borehole TVD: 12891
API Well Number: 177194011100	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 88
Paleo Report Num: 2 of 2	Sample Range: 4260 - 12891	Water Depth: 208
Public Info Code: Y 31-JUL-1982	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4260 /	DEF AT first sample examined	DEF AT 3
4485 /	DEF AT local marker foram increase	DEF AT 3
4710 /	POS AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
5970 /	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
6195 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
6600 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9815 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11085 /	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11175 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11400 /	DEF AT local marker foram decrease	DEF AT 4
12645 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
12891 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 107	Date of Summary: 26-SEP-1979	First Sample Examined: 4050
Lease Number: G01877	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14001
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14001
API Well Number: 177192002400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4050 - 13998	Water Depth: 147
Public Info Code: Y 01-JAN-1971	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4050 /	DEF AT first sample examined	POS AT 3
4272 /	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 3
4720 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4751 /	DEF IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 5
4782 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 5
4967 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
4968 /	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
5185 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
5991 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
6239 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
6813 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF IN 4
7820 /	POS IN Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 4
8099 /	POS IN Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 4
8192 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
8254 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8936 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
9494 /	DEF AT Lower Pliocene (Zanclian) Sigmolima "P" / cf. schlumbergeri	DEF AT 4
10083 /	POS AT local marker benthic foram increase	DEF AT 4
10145 /	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
11075 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
13472 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
13533 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 107	Date of Summary: 26-SEP-1979	First Sample Examined: 4050
Lease Number: G01877	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14001
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14001
API Well Number: 177192002400	Drilling Operator: EXXON MOBIL CORPORATION	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 4050 - 13998	Water Depth: 147
Public Info Code: Y 01-JAN-1971	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13998 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 107	Date of Summary: 30-MAR-1983	First Sample Examined: 3000
Lease Number: G04244	Source of Paleo: OPERATOR	Borehole MD: 10245
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10245
API Well Number: 177194021200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3000 - 15090	Water Depth: 222
Public Info Code: Y 28-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3000 / 3000	DEF AT first sample examined	DEF AT 4
3210 / 3210	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3330 / 3330	DEF AT faunal change (no faunal increase)	DEF AT 3
4600 / 4600	DEF AT faunal change (no faunal increase)	DEF AT 4
4750 / 4750	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 4
4960 / 4960	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 4
5140 / 5140	DEF AT faunal change (no faunal increase)	DEF AT 3
5500 / 5500	DEF AT faunal change (no faunal increase)	DEF AT 2
7360 / 7360	DEF AT faunal change (no faunal increase)	DEF AT 3
7900 / 7900	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
9670 / 9670	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 4
10000 / 10000	DEF AT faunal change (no faunal increase)	DEF AT 3
11480 /	DEF AT faunal change (no faunal increase)	DEF AT 4
11567 /	DEF AT Cyclammina sp. (local marker)	DEF AT 4
11568 /	DEF AT Eggerella 3 (local marker)	DEF AT 4
11569 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11570 /	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 4
11660 /	DEF AT sample gap top	POS AT 4
11870 /	DEF AT sample gap bottom	DEF AT 4
12080 /	DEF IN local marker benthic foram increase	DEF AT 4
12140 /	DEF AT faunal change (no faunal increase)	DEF AT 3
13520 /	DEF AT sample gap top	POS AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 107	Date of Summary: 30-MAR-1983	First Sample Examined: 3000
Lease Number: G04244	Source of Paleo: OPERATOR	Borehole MD: 10245
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 10245
API Well Number: 177194021200	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 3000 - 15090	Water Depth: 222
Public Info Code: Y 28-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13700 /	DEF AT sample gap bottom	DEF AT 3
15090 /	DEF AT last sample examined	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 107	Date of Summary: 19-JUL-1983	First Sample Examined: 0
Lease Number: G04244	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15100
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 15097
API Well Number: 177194028600	Drilling Operator: MCMORAN OFFSHORE PRODUCTION CO	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 223
Public Info Code: Y 28-AUG-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4960 / 4960	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9670 / 9668	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
11570 / 11567	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 109	Date of Summary: 24-JUN-1975	First Sample Examined: 1125
Lease Number: G02937	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14874
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14874
API Well Number: 177194004600	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1125 - 14874	Water Depth: 187
Public Info Code: Y 16-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1125 / 1125	DEF AT first sample examined	DEF IN 4
1169 / 1169	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF IN 4
2049 / 2049	POS AT local marker benthic foram increase	DEF AT 4
2907 / 2907	POS AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 5
2947 / 2947	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF IN 3
3540 / 3540	DEF AT Lower Pleistocene (Calabrian) Trimosina "A" (acme)	DEF AT 4
4419 / 4419	DEF IN Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
4420 / 4420	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
4660 / 4660	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4700 / 4700	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
4740 / 4740	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
5020 / 5019	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
7180 / 7178	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
7900 / 7897	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
8060 / 8057	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8879 / 8873	DEF AT Eggerella sp. (local marker)	DEF AT 4
8880 / 8874	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
9905 / 9897	POS AT Lower Pliocene (Zanclian) Sphaeroidinellopsis multiloba	DEF AT 4
10272 / 10264	DEF AT faunal change (no faunal increase)	DEF AT 5
10315 / 10307	DEF AT Eggerella sp. (local marker)	DEF AT 5
11612 / 11603	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11866 / 11857	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 109	Date of Summary: 24-JUN-1975	First Sample Examined: 1125
Lease Number: G02937	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14874
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14874
API Well Number: 177194004600	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 1125 - 14874	Water Depth: 187
Public Info Code: Y 16-FEB-1977	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12160 / 12151	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 4
14874 / 14859	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 109	Date of Summary: 07-JUL-1976	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13200
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13194
API Well Number: 177194006700	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 195
Public Info Code: Y 01-JUL-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
3200 / 3199	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
4590 / 4588	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
10344 / 10339	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 109	Date of Summary: 29-OCT-1976	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13899
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 13106
API Well Number: 177194007500	Drilling Operator: TEXACO INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 198
Public Info Code: Y 10-NOV-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4640 / 4640	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
6293 / 6291	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
7335 / 7271	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
10765 / 10339	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 109	Date of Summary: 23-DEC-1976	First Sample Examined: 0
Lease Number: G02937	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 14125
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 12960
API Well Number: 177194007600	Drilling Operator: TEXACO INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 157
Public Info Code: Y 30-DEC-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4550 / 4550	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT
6170 / 6129	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9120 / 8669	DEF AT Lower Pliocene (Zanclian) Sigmolilina "P" / cf. schlumbergeri	DEF AT
10520 / 9855	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 111	Date of Summary: 15-AUG-1972	First Sample Examined: 4465
Lease Number: G01593	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14111
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14005
API Well Number: 177204002100	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 4465 - 14111	Water Depth: 221
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4465 / 4409	DEF AT first sample examined	POS AT 3
4860 / 4796	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 3
4890 / 4826	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 3
5170 / 5101	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF IN 2
5320 / 5248	DEF AT local marker foram decrease	DEF AT 2
5780 / 5696	DEF AT local marker foram increase	DEF AT 2
6200 / 6105	DEF AT faunal change (no faunal increase)	DEF IN 2
6530 / 6431	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 3
6560 / 6461	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF IN 3
6590 / 6491	POS AT Upper Pliocene (Piacenzian) Textularia 1	DEF IN 2
6830 / 6730	DEF AT local marker foram decrease	DEF AT 2
8300 / 8199	DEF AT local marker benthic foram increase	DEF IN 2
8330 / 8229	DEF AT local marker foram decrease	DEF AT 2
8870 / 8769	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
8960 / 8859	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 4
9050 / 8949	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
9140 / 9039	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
9980 / 9879	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10040 / 9939	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10130 / 10029	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
10280 / 10178	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 4
10370 / 10268	DEF AT local marker foram decrease	DEF AT 3

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 111	Date of Summary: 15-AUG-1972	First Sample Examined: 4465
Lease Number: G01593	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14111
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 14005
API Well Number: 177204002100	Drilling Operator: HAMILTON BROTHERS OIL COMPANY	Rkb Elevation: 71
Paleo Report Num: 1 of 1	Sample Range: 4465 - 14111	Water Depth: 221
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10580 / 10478	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 3
11030 / 10928	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF IN 3
11480 / 11378	DEF AT Bathysiphon fauna	DEF IN 3
12590 / 12486	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 3
13670 / 13565	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
13879 / 13774	DEF AT pyrite	DEF AT 4
13880 / 13775	DEF AT Arenaceous fauna (local marker)	DEF AT 4
13940 / 13835	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
14111 / 14006	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 112	Date of Summary: 10-JUL-1972	First Sample Examined: 500
Lease Number: G01594	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14000
API Well Number: 177204001900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 500 - 14000	Water Depth: 265
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
500 /	DEF AT first sample examined	DEF AT 3
950 /	DEF IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
1540 /	POS AT Upper Pleistocene (Ionian) Sangamon fauna	DEF AT 3
1990 /	DEF AT local marker foram increase	DEF AT 4
2980 /	DEF AT Middle Pleistocene (Ionian) Globorotalia truncatulinoides (coiling change right/left)	DEF AT 4
3100 /	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 4
3220 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
4780 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF AT 4
4840 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 4
4960 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 4
5170 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 4
6399 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
6400 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 4
6430 /	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 4
6820 /	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 4
6850 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 4
7450 /	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 4
7780 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 4
7840 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 4
8410 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
9670 /	POS AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 4
9700 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 112	Date of Summary: 10-JUL-1972	First Sample Examined: 500
Lease Number: G01594	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 14000
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 14000
API Well Number: 177204001900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 91
Paleo Report Num: 1 of 1	Sample Range: 500 - 14000	Water Depth: 265
Public Info Code: Y 30-JUN-1976	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
10270 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10360 /	DEF AT Eggerella sp. (local marker)	DEF AT 4
10870 /	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4
11800 /	DEF AT Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
12850 /	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
12970 /	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 4
13120 /	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
13870 /	DEF AT Bathysiphon fauna	DEF AT 4
14000 /	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 116	Date of Summary: 29-AUG-1972	First Sample Examined: 4000
Lease Number: G01100	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13703
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13703
API Well Number: 177204002300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4000 - 13703	Water Depth: 200
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4000 /	DEF AT first sample examined	POS AT 2
4001 /	DEF AT poor sample interval top	POS AT 2
4002 /	DEF AT drilling material	POS AT 2
4045 /	POS IN Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	POS AT 2
5378 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	POS AT 2
5642 /	DEF AT Turtle Grass fauna = Amphistegina Mound	POS AT 2
5996 /	POS AT local marker benthic foram increase	POS AT 2
6041 /	POS AT Upper Pliocene (Gelasian) Globorotalia menardii (coiling change left/right)	POS AT 2
6828 /	POS AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	POS AT 2
7097 /	POS AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF IN 2
7141 /	POS AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7405 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 2
7942 /	POS AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 2
8208 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
8295 /	POS AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF AT 3
8427 /	DEF AT Cyclamina cancellata (local marker)	DEF IN 3
8472 /	DEF AT local marker foram decrease	DEF IN 2
9090 /	DEF AT local marker foram decrease	DEF AT 2
10488 /	DEF AT Cyclamina cancellata (local marker)	DEF AT 2
11052 /	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 2
11096 /	DEF AT faunal change (no faunal increase)	DEF AT 3
11621 /	POS AT local marker foram decrease	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 116	Date of Summary: 29-AUG-1972	First Sample Examined: 4000
Lease Number: G01100	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13703
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 13703
API Well Number: 177204002300	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 4000 - 13703	Water Depth: 200
Public Info Code: Y 31-MAY-1974	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12095 /	DEF AT Arenaceous fauna (local marker)	DEF IN 2
12665 /	POS IN Upper Miocene (Messinian) Textularia "X"	DEF AT 2
13060 /	POS AT reworked material	DEF AT 2
13246 /	POS AT Cyclammina cancellata (local marker)	DEF IN 3
13702 /	DEF AT poor sample interval bottom	DEF IN 3
13703 /	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 117	Date of Summary: 25-FEB-1970	First Sample Examined: 5050
Lease Number: G01101	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 20000
Well Name: C009	Paleo Done By: LEE LATTA	Borehole TVD: 20000
API Well Number: 177200009900	Drilling Operator: GULF OIL CORPORATION	Rkb Elevation: 72
Paleo Report Num: 1 of 1	Sample Range: 5050 - 20010	Water Depth: 206
Public Info Code: Y 23-FEB-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5050 / 5050	DEF AT first sample examined	DEF IN 3
5170 / 5170	POS IN Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 4
6010 / 6010	POS AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 4
7030 / 7029	POS AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
7060 / 7059	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
7090 / 7089	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 2
8320 / 8319	DEF AT Cyclammina cancellata (local marker)	DEF AT 3
9640 / 9639	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 4
11530 / 11529	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12010 / 12009	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
12320 / 12319	DEF AT Eggerella sp. (local marker)	DEF AT 5
13590 / 13589	DEF AT Bathysiphon fauna	DEF AT 5
15180 / 15177	POS AT Upper Miocene (Tortonian) Textularia 6	DEF AT 5
15780 / 15773	DEF AT poor sample interval top	DEF AT 5
18630 / 18584	POS IN Upper (Late) Miocene	DEF AT 5
18779 / 18731	DEF AT poor sample interval bottom	DEF AT 5
18780 / 18732	POS AT Upper Miocene (Tortonian) Globorotalia acostaensis (coiling change right/left)	DEF AT 5
18840 / 18791	POS AT Upper Miocene (Messinian) Bolivina denticulata	DEF AT 5
20010 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 118	Date of Summary: 31-JUL-1986	First Sample Examined: 0
Lease Number: G04245	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13460
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13096
API Well Number: 177204010100	Drilling Operator: TXP OPERATING COMPANY	Rkb Elevation: 96
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 187
Public Info Code: Y 31-JUL-1985	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4700 / 4543	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5060 / 4883	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5420 / 5224	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8300 / 7980	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
10700 / 10346	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 119	Date of Summary: 14-AUG-1980	First Sample Examined: 0
Lease Number: G03189	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13627
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13627
API Well Number: 177204007800	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 214
Public Info Code: Y 11-JUN-1981	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5015 / 5015	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 119	Date of Summary: 03-APR-1981	First Sample Examined: 7790
Lease Number: G03189	Source of Paleo: OPERATOR	Borehole MD: 12229
Well Name: 002	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 11484
API Well Number: 177204007801	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 84
Paleo Report Num: 1 of 1	Sample Range: 7790 - 12200	Water Depth: 200
Public Info Code: Y 11-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7790 / 7788	DEF AT first sample examined	DEF IN 3
9620 / 9512	POS AT Upper Miocene (Messinian) Textularia "X"	DEF IN 3
10430 / 10172	DEF AT - - - - -	DEF AT 4
12200 / 11494	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 119	Date of Summary: 10-MAR-1981	First Sample Examined: 4000
Lease Number: G03189	Source of Paleo: OPERATOR	Borehole MD: 13640
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12060
API Well Number: 177204008300	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 65
Paleo Report Num: 1 of 2	Sample Range: 4000 - 11320	Water Depth: 200
Public Info Code: Y 11-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 002

Remark: Original hole report

MD / TVD	Paleo Top Description	Ecozone
4000 / 3999	DEF AT first sample examined	DEF IN 3
4300 / 4298	DEF AT - - - - -	DEF AT 4
4330 / 4328	DEF AT Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF AT 4
4390 / 4387	DEF AT - - - - -	DEF AT 3
5290 / 5241	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT 3
5530 / 5453	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 3
8050 / 7208	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 3
11200 / 9791	DEF AT - - - - -	DEF AT 4
11290 / 9871	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF AT 4
11320 / 9897	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 119	Date of Summary: 10-MAR-1981	First Sample Examined: 10780
Lease Number: G03189	Source of Paleo: OPERATOR	Borehole MD: 13640
Well Name: 003	Paleo Done By: PALEO-DATA, INC.	Borehole TVD: 12060
API Well Number: 177204008300	Drilling Operator: MIDCON EXPLORATION COMPANY GU	Rkb Elevation: 65
Paleo Report Num: 2 of 2	Sample Range: 10780 - 13630	Water Depth: 200
Public Info Code: Y 11-JUN-1981	Ecozone Eq MMS: Y	Paleo ID: 003

Remark: Sidetrack report

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10780 / 9419	DEF AT first sample examined	DEF IN 3
11290 / 9871	DEF AT Upper Miocene (Tortonian) Robulus "E"	DEF IN 3
13630 / 12051	DEF AT last sample examined	DEF IN 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 120	Date of Summary: 20-APR-1976	First Sample Examined: 459
Lease Number: G03190	Source of Paleo: OPERATOR	Borehole MD: 14045
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13999
API Well Number: 177204004700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 459 - 14030	Water Depth: 236
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
459 / 459	DEF AT first sample examined	DEF AT 2
460 / 460	DEF AT reefal material	DEF AT 2
1450 / 1450	DEF AT local marker planktic foram increase	DEF AT 3
2810 / 2810	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT 2
2990 / 2990	DEF AT reefal material	DEF AT 2
3270 / 3270	POS AT - - - - -	DEF AT 1
3900 / 3900	DEF AT limestone	DEF AT 3
3901 / 3901	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF AT 3
3990 / 3990	DEF AT - - - - -	DEF AT 1
4450 / 4450	DEF AT - - - - -	DEF AT 3
4550 / 4550	POS IN Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT 3
4669 / 4669	DEF AT limestone	DEF AT 3
4670 / 4670	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 3
4850 / 4850	DEF AT shell fragments	DEF AT 1
5630 / 5630	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 1
6950 / 6949	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT 2
7130 / 7129	DEF AT - - - - -	DEF AT 1
7280 / 7278	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 1
8270 / 8263	DEF AT - - - - -	DEF AT 2
8300 / 8293	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT 2
8510 / 8502	DEF AT limestone	DEF AT 2
8840 / 8831	DEF AT - - - - -	DEF AT 3

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 120	Date of Summary: 20-APR-1976	First Sample Examined: 459
Lease Number: G03190	Source of Paleo: OPERATOR	Borehole MD: 14045
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 13999
API Well Number: 177204004700	Drilling Operator: ATLANTIC RICHFIELD COMPANY	Rkb Elevation: 31
Paleo Report Num: 1 of 1	Sample Range: 459 - 14030	Water Depth: 236
Public Info Code: Y 27-JUN-1980	Ecozone Eq MMS: Y	Paleo ID: 001

MD / TVD	Paleo Top Description	Ecozone
8960 / 8950	DEF AT limestone	DEF AT 3
9020 / 9009	POS AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT 3
9110 / 9099	DEF AT - - - - -	DEF AT 2
9259 / 9247	DEF AT pyrite	DEF AT 2
9260 / 9248	DEF AT glauconite	DEF AT 2
10940 / 10919	DEF AT - - - - -	DEF AT 3
10970 / 10948	DEF AT Upper Miocene (Messinian) Textularia "X"	DEF AT 3
11060 / 11038	DEF AT Upper Miocene (Messinian) Globorotalia juanai	DEF AT 3
11540 / 11516	DEF AT - - - - -	DEF AT 2
11780 / 11755	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 3
12320 / 12291	DEF AT - - - - -	DEF IN 2
13230 / 13192	DEF AT Upper Miocene (Messinian) Bolivina denticulata	DEF IN 2
13310 / 13271	DEF AT - - - - -	DEF AT 2
14030 / 13984	DEF AT last sample examined	DEF AT 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 121	Date of Summary: 11-OCT-1969	First Sample Examined: 3980
Lease Number: G01595	Source of Paleo: OPERATOR	Borehole MD: 8953
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 8951
API Well Number: 177202000800	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 114
Paleo Report Num: 1 of 1	Sample Range: 3980 - 8953	Water Depth: 257
Public Info Code: Y 26-OCT-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
3980 / 3980	DEF AT first sample examined	DEF AT
4490 / 4490	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT
5420 / 5420	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
7340 / 7340	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7490 / 7490	POS AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT
8150 / 8149	DEF AT Lower Pliocene (Zanclian) Sigmoidina "P" / cf. schlumbergeri	DEF AT
8953 / 8951	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 121	Date of Summary: 13-NOV-1969	First Sample Examined: 7120
Lease Number: G01595	Source of Paleo: OPERATOR	Borehole MD: 8909
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 8844
API Well Number: 177202001000	Drilling Operator: ORYX ENERGY COMPANY	Rkb Elevation: 113
Paleo Report Num: 1 of 1	Sample Range: 7120 - 8909	Water Depth: 270
Public Info Code: Y 26-OCT-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
7120 / 7120	DEF AT first sample examined	DEF AT
7540 / 7537	POS IN Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
7600 / 7597	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT
8200 / 8183	DEF AT Lower Pliocene (Zanclian) Sigmoilina "P" / cf. schlumbergeri	DEF AT
8908 / 8843	DEF AT salt	DEF AT
8909 / 8844	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 122	Date of Summary: 26-JUN-1969	First Sample Examined: 2480
Lease Number: G01104	Source of Paleo: OPERATOR	Borehole MD: 8602
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 8602
API Well Number: 177200001300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 2480 - 8602	Water Depth: 187
Public Info Code: Y 02-MAY-1970	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2480 /	DEF AT first sample examined	DEF AT
8090 /	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
8602 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 122	Date of Summary: 17-MAY-1969	First Sample Examined: 9990
Lease Number: G01104	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16540
Well Name: 006	Paleo Done By: LEE LATTA	Borehole TVD: 16128
API Well Number: 177200007300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 9990 - 16560	Water Depth: 187
Public Info Code: Y 02-MAY-1970	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
9990 / 9985	DEF AT first sample examined	POS AT 4
9991 / 9986	DEF IN Lower Pliocene (Zanclian) Buliminella 1	POS AT 4
10320 / 10314	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
10920 / 10905	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11770 / 11715	DEF AT local marker benthic foram increase	DEF AT 4
12550 / 12443	DEF AT Eggerella sp. (local marker)	DEF AT 4
12700 / 12582	DEF AT Cyclammina cancellata (local marker)	DEF AT 4
12940 / 12801	POS AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 4
13870 / 13647	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
16560 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 124	Date of Summary: 28-MAR-1975	First Sample Examined: 0
Lease Number: G02170	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11000
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 11000
API Well Number: 177204003900	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 280
Public Info Code: Y 17-NOV-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
5268 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5827 /	POS AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
6186 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
9440 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
9920 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 124	Date of Summary: 08-MAY-1975	First Sample Examined: 0
Lease Number: G02170	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 11928
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 11928
API Well Number: 177204004000	Drilling Operator: ODECO OIL & GAS COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 285
Public Info Code: Y 17-NOV-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
5220 /	DEF AT Upper Pliocene (Gelasian) Cristellaria "S"	DEF AT
5970 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
9480 /	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT
10770 /	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 133	Date of Summary: 14-JAN-1969	First Sample Examined: 9000
Lease Number: G01106	Source of Paleo: OPERATOR	Borehole MD: 13123
Well Name: 006	Paleo Done By: OPERATOR	Borehole TVD: 13123
API Well Number: 177200002000	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 80
Paleo Report Num: 1 of 1	Sample Range: 9000 - 13123	Water Depth: 285
Public Info Code: Y 20-AUG-1973	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
9000 /	DEF AT first sample examined	DEF AT
10480 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13123 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 140	Date of Summary: 30-NOV-1972	First Sample Examined: 4040
Lease Number: G01108	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 13866
Well Name: 001	Paleo Done By: LEE LATTA	Borehole TVD: 13856
API Well Number: 177200004200	Drilling Operator: ODECO DRILLING INC	Rkb Elevation: 87
Paleo Report Num: 1 of 1	Sample Range: 4040 - 13866	Water Depth: 280
Public Info Code: Y 30-NOV-1974	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
4040 /	DEF AT first sample examined	POS IN 3
4160 /	POS IN Middle Pleistocene (Ionian) Trimosina "A"	DEF IN 3
4200 /	DEF AT Lower Pleistocene (Calabrian) Stilostomella antillea	DEF IN 3
5600 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "A")	DEF AT 4
5601 /	POS AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF AT 4
6440 /	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
6600 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
7400 /	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF IN 4
9440 /	POS AT Upper Pliocene (Piacenzian) Haplophragmoides emaciatum	DEF AT 5
9960 /	DEF AT Eggerella sp. (local marker)	DEF AT 5
10360 /	DEF AT Upper Pliocene (Piacenzian) Cyclammina sp.	DEF AT 5
10440 /	DEF AT Upper Pliocene (Piacenzian) Arenaceous fauna	DEF AT 5
12580 /	POS AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
12700 /	POS AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
13866 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 143	Date of Summary: 04-APR-1983	First Sample Examined: 1210
Lease Number: G02171	Source of Paleo: OPERATOR	Borehole MD: 14008
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14008
API Well Number: 177204002900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1210 - 14129	Water Depth: 367
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
1210 /	DEF AT first sample examined	DEF IN 1
1660 /	POS IN Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF IN 2
1780 /	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 4
2240 /	DEF AT local marker foram increase	DEF AT 5
3620 /	DEF AT local marker foram increase	DEF IN 5
3960 /	DEF AT cement	POS IN 5
5210 /	DEF AT - - - - -	DEF AT 6
5840 /	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 6
6620 /	DEF AT cement	POS AT 6
6890 /	DEF AT - - - - -	DEF IN 5
7010 /	DEF AT Lower Pleistocene (Calabrian) Hyalinea "B" = Trimosina "B"	DEF IN 5
7700 /	DEF AT - - - - -	DEF AT 4
8280 /	DEF AT glauconite	DEF AT 4
8570 /	DEF AT - - - - -	DEF IN 5
8908 /	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT 5
8909 /	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF AT 5
8910 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
9510 /	DEF AT - - - - -	DEF AT 4
10589 /	DEF AT Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 5
10590 /	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
11220 /	DEF AT - - - - -	DEF AT 4
12899 /	DEF AT Eggerella sp. (local marker)	DEF IN 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 143	Date of Summary: 04-APR-1983	First Sample Examined: 1210
Lease Number: G02171	Source of Paleo: OPERATOR	Borehole MD: 14008
Well Name: 001	Paleo Done By: CROSBIE-MACOMBER	Borehole TVD: 14008
API Well Number: 177204002900	Drilling Operator: CHEVRON USA INC	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 1210 - 14129	Water Depth: 367
Public Info Code: Y 31-OCT-1977	Ecozone Eq MMS:	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12900 /	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF IN 4
13768 /	DEF AT Cyclammina sp. (local marker)	DEF AT 5
13769 /	DEF AT radiolarians	DEF AT 5
13770 /	DEF AT Eggerella 3 (local marker)	DEF AT 5
14129 /	DEF AT last sample examined	DEF AT 5

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 144	Date of Summary: 14-MAR-1969	First Sample Examined: 7580
Lease Number: G01599	Source of Paleo: OPERATOR	Borehole MD: 14984
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 14984
API Well Number: 177200012600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 7580 - 14950	Water Depth: 360
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7580 /	DEF AT first sample examined	DEF AT
8000 /	DEF AT Upper Pliocene (Gelasian) Globorotalia miocenica	DEF AT
14950 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 144	Date of Summary: 15-MAY-1969	First Sample Examined: 11000
Lease Number: G01599	Source of Paleo: OPERATOR	Borehole MD: 16956
Well Name: 004	Paleo Done By: OPERATOR	Borehole TVD: 16956
API Well Number: 177200012900	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 90
Paleo Report Num: 1 of 1	Sample Range: 11000 - 16956	Water Depth: 360
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
11000 /	DEF AT first sample examined	DEF AT
14680 /	POS IN Lower Pliocene (Zanclian) Buliminella 1	DEF AT
16956 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 144	Date of Summary: 14-JAN-1969	First Sample Examined: 6120
Lease Number: G01602	Source of Paleo: OPERATOR	Borehole MD: 10865
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 10461
API Well Number: 177200009701	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 2	Sample Range: 6120 - 10863	Water Depth: 472
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 002

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6120 / 6107	DEF AT first sample examined	DEF AT
8340 / 8210	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
10863 / 10485	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 146	Date of Summary: 25-JUL-1972	First Sample Examined: 2307
Lease Number: G01601	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12952
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12952
API Well Number: 177204001800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2307 - 12952	Water Depth: 453
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

MD / TVD	Paleo Top Description	Ecozone
2307 / 2307	DEF AT first sample examined	DEF IN 2
2308 / 2308	POS AT Holocene recent fauna	DEF IN 2
2352 / 2352	DEF AT Turtle Grass fauna = Amphistegina Mound	DEF AT 3
2622 / 2622	DEF AT Upper Pleistocene (Ionian) Globorotalia flexuosa	DEF AT 3
2712 / 2712	DEF AT local marker foram decrease	DEF IN 2
3072 / 3072	DEF AT Lower Pleistocene (Calabrian) Angulogerina magna	DEF AT 3
3117 / 3117	DEF AT sample gap top	DEF AT 3
3699 / 3699	DEF AT sample gap bottom	DEF AT 3
3700 / 3700	DEF AT cement	POS AT 3
3912 / 3912	DEF AT Lower Pleistocene (Calabrian) Globorotalia tosaensis tosaensis	DEF IN 2
3957 / 3957	DEF AT local marker foram decrease	DEF AT 2
4762 / 4762	DEF IN Lower Pleistocene (Calabrian) Hyaline "B" = Trimosina "B"	DEF IN 2
4852 / 4852	DEF AT Lower Pleistocene (Calabrian) Sphaeroidinella dehiscens (acme "B")	DEF IN 2
4978 / 4978	DEF AT sample gap top	POS AT 2
5481 / 5481	DEF AT sample gap bottom	DEF AT 3
5482 / 5482	DEF IN Upper Pliocene (Gelasian) Globorotalia miocenica	DEF IN 3
5483 / 5483	DEF AT Upper Pliocene (Gelasian) Bolivina imporcata / "P"	DEF IN 3
5997 / 5997	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 3
6132 / 6132	POS AT local marker foram decrease	DEF IN 2
6266 / 6266	DEF AT pyrite	DEF AT 2
6267 / 6267	DEF AT Upper Pliocene (Piacenzian) Cassidulina laevigata carinata (acme) / "L"	DEF AT 2
6530 / 6530	POS AT local marker foram increase	DEF IN 2

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 146	Date of Summary: 25-JUL-1972	First Sample Examined: 2307
Lease Number: G01601	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12952
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12952
API Well Number: 177204001800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2307 - 12952	Water Depth: 453
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
6660 / 6660	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 3
6926 / 6926	DEF IN Upper Pliocene (Piacenzian) Globorotalia multicamerata	DEF AT 3
6927 / 6927	DEF AT Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 3
6928 / 6928	DEF AT Upper Pliocene (Piacenzian) Sphaeroidinellopsis seminulina	DEF AT 3
7634 / 7634	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 3
7635 / 7635	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 3
7963 / 7963	DEF AT pyrite	DEF IN 2
8228 / 8228	DEF AT sample gap top	POS IN 2
8507 / 8507	DEF AT sample gap bottom	DEF AT 3
8508 / 8508	DEF IN Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 3
8823 / 8822	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT 3
9684 / 9683	POS AT local marker foram decrease	DEF IN 2
10619 / 10618	DEF AT Lower Pliocene (Zanclian) Siphotextularia jugosa / "J"	DEF IN 2
10657 / 10656	DEF AT pyrite	DEF IN 3
10658 / 10657	DEF AT Arenaceous fauna (local marker)	DEF IN 3
10659 / 10658	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF IN 3
10704 / 10703	POS AT Cyclammina cancellata (local marker)	DEF AT 4
10839 / 10838	DEF AT local marker foram decrease	DEF IN 3
11199 / 11198	DEF AT Arenaceous fauna (local marker)	DEF AT 4
11329 / 11328	DEF AT Cyclammina cancellata (local marker)	DEF IN 4
11439 / 11438	DEF AT sample gap top	POS IN 4
11540 / 11539	DEF AT sample gap bottom	POS IN 4
11541 / 11540	DEF AT cement	POS IN 4
11810 / 11809	POS AT Upper Miocene (Messinian) Textularia "X"	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 146	Date of Summary: 25-JUL-1972	First Sample Examined: 2307
Lease Number: G01601	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 12952
Well Name: 001	Paleo Done By: WING GEE	Borehole TVD: 12952
API Well Number: 177204001800	Drilling Operator: BP AMERICA PRODUCTION COMPANY	Rkb Elevation: 92
Paleo Report Num: 1 of 1	Sample Range: 2307 - 12952	Water Depth: 453
Public Info Code: Y 29-JUN-1972	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12480 / 12479	DEF AT Arenaceous fauna (local marker)	DEF IN 3
12570 / 12569	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF IN 3
12810 / 12809	DEF IN Upper Miocene (Messinian) Globorotalia margaritae primitiva	DEF AT 4
12870 / 12869	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF IN 4
12952 / 12951	DEF AT last sample examined	DEF AT 4

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 147	Date of Summary: 16-JUN-1969	First Sample Examined: 2050
Lease Number: G01602	Source of Paleo: OPERATOR	Borehole MD: 9986
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 9986
API Well Number: 177202000000	Drilling Operator: SHELL OIL COMPANY	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 2050 - 9980	Water Depth: 472
Public Info Code: Y 30-JUN-1972	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
2050 /	DEF AT first sample examined	DEF AT
2410 /	POS AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
5350 /	POS AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
9980 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 147	Date of Summary: 15-APR-1986	First Sample Examined: 0
Lease Number: G04476	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 15807
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 15468
API Well Number: 177204009901	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 73
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 397
Public Info Code: Y 29-JUN-1986	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
10390 / 10388	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
11830 / 11727	DEF AT Lower Pliocene (Zanclian) Buliminella 1	DEF AT
13270 / 13042	DEF AT Lower Pliocene (Zanclian) Globigerinoides mitra	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 152	Date of Summary: 03-JUL-1969	First Sample Examined: 8050
Lease Number: G01604	Source of Paleo: OPERATOR	Borehole MD: 13104
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 12693
API Well Number: 177200011600	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 8050 - 13090	Water Depth: 373
Public Info Code: Y 16-NOV-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8349 / 8307	DEF AT first sample examined	DEF AT
8350 / 8308	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13090 / 12681	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 152	Date of Summary: 03-JUL-1969	First Sample Examined: 8440
Lease Number: G01604	Source of Paleo: OPERATOR	Borehole MD: 13930
Well Name: 003	Paleo Done By: OPERATOR	Borehole TVD: 12800
API Well Number: 177200011500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 95
Paleo Report Num: 1 of 1	Sample Range: 8440 - 13930	Water Depth: 373
Public Info Code: Y 15-DEC-1978	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
8440 / 8263	DEF AT first sample examined	DEF AT
8740 / 8550	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13930 / 13559	DEF AT last sample examined	DEF AT

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Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 152	Date of Summary: 03-JUL-1969	First Sample Examined: 7980
Lease Number: G01604	Source of Paleo: OPERATOR	Borehole MD: 13172
Well Name: 005	Paleo Done By: OPERATOR	Borehole TVD: 13172
API Well Number: 177200012300	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 93
Paleo Report Num: 1 of 1	Sample Range: 7980 - 13172	Water Depth: 373
Public Info Code: Y 03-MAR-1979	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7980 /	DEF AT first sample examined	DEF AT
8670 /	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT
13172 /	DEF AT last sample examined	DEF AT

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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 152	Date of Summary: 16-AUG-1971	First Sample Examined: 7900
Lease Number: G01604	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16380
Well Name: A010	Paleo Done By: LEE LATTA	Borehole TVD: 15484
API Well Number: 177204000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 7900 - 16360	Water Depth: 373
Public Info Code: Y 15-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
7900 / 7899	DEF AT first sample examined	DEF IN 4
7901 / 7900	DEF IN local marker planktic foram increase	DEF IN 4
8049 / 8048	DEF AT glauconite	DEF IN 4
8050 / 8049	DEF AT Lower Pleistocene (Calabrian) Uvigerina hispida	DEF IN 4
8380 / 8377	DEF AT Upper Pliocene (Gelasian) Lenticulina 1	DEF AT 5
8410 / 8407	DEF AT Upper Pliocene (Gelasian) Textularia crassisepta / "P"	DEF AT 5
9249 / 9219	DEF AT Upper Pliocene (Piacenzian) Valvulina "H" / Alvarezina sinuata	DEF AT 5
9250 / 9220	DEF AT Upper Pliocene (Piacenzian) Saracenaria "H"	DEF AT 5
9279 / 9247	DEF IN Upper Pliocene (Piacenzian) Globoquadrina altispira	DEF AT 5
9280 / 9248	DEF AT Upper Pliocene (Piacenzian) Cibicides grossperforatus	DEF AT 5
10030 / 9941	DEF AT pyrite	DEF AT 5
10089 / 9994	DEF AT Lower Pliocene (Zanclian) Cibicides marsi	DEF AT 5
10090 / 9994	DEF AT Lower Pliocene (Zanclian) Uvigerina rustica	DEF AT 5
10630 / 10460	DEF AT Lower Pliocene (Zanclian) Globigerina nepenthes	DEF AT 5
11170 / 10927	POS AT Lower Pliocene (Zanclian) Globorotalia plesiotumida (acme)	DEF AT 5
11470 / 11187	DEF AT Upper Miocene (Messinian) Globorotalia menardii (coiling change right/left)	DEF AT 5
11770 / 11449	DEF AT Cyclammina cancellata (local marker)	DEF AT 5
11920 / 11580	DEF AT pyrite	DEF AT 5
12430 / 12029	DEF AT Bathysiphon fauna	DEF AT 5
13270 / 12775	DEF AT local marker benthic foram increase	DEF AT 5
13420 / 12907	DEF AT Arenaceous fauna (local marker)	DEF AT 5
13480 / 12958	DEF AT local marker benthic foram increase	DEF AT 5

This report contains public paleo reports only for the time period stated

UNITED STATES DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
GULF OF MEXICO REGION

Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 152	Date of Summary: 16-AUG-1971	First Sample Examined: 7900
Lease Number: G01604	Source of Paleo: MINERALS MANAGEMENT SERVICE	Borehole MD: 16380
Well Name: A010	Paleo Done By: LEE LATTA	Borehole TVD: 15484
API Well Number: 177204000500	Drilling Operator: SHELL OFFSHORE INC	Rkb Elevation: 89
Paleo Report Num: 1 of 1	Sample Range: 7900 - 16360	Water Depth: 373
Public Info Code: Y 15-JUN-1973	Ecozone Eq MMS: Y	Paleo ID: 001

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
13930 / 13336	DEF AT pyrite	DEF AT 5
14710 / 14012	DEF AT Eggerella sp. (local marker)	DEF AT 5
14890 / 14172	DEF AT Cyclammia cancellata (local marker)	DEF AT 5
15240 / 14483	DEF AT Upper Miocene (Messinian) Textularia tatumi	DEF AT 5
15790 / 14969	DEF AT Upper Miocene (Messinian) Siphogenerina lamellata (acme)	DEF AT 5
16360 / 15473	DEF AT last sample examined	DEF AT 5

UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 154	Date of Summary: 06-AUG-1974	First Sample Examined: 0
Lease Number: G02173	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 9231
Well Name: 001	Paleo Done By: OPERATOR	Borehole TVD: 9231
API Well Number: 177204003000	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 379
Public Info Code: Y 03-OCT-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
4170 / 4162	DEF AT Middle Pleistocene (Ionian) Trimosina "A"	DEF AT
4620 / 4612	DEF AT Lower Pleistocene (Calabrian) Angulogerina "B"	DEF AT

UNITED STATES DEPARTMENT OF THE INTERIOR
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Paleo for Public Release (Date Specific)

Start Date: 01-JAN-1947

End Date: 31-DEC-1987

Area Block: WD 154	Date of Summary: 23-OCT-1974	First Sample Examined: 0
Lease Number: G02173	Source of Paleo: COMPLETION REPORT (WELL SUMMARY)	Borehole MD: 13479
Well Name: 002	Paleo Done By: OPERATOR	Borehole TVD: 13025
API Well Number: 177204003001	Drilling Operator: MARATHON PETROLEUM COMPANY	Rkb Elevation: 68
Paleo Report Num: 1 of 1	Sample Range: 0 - 0	Water Depth: 379
Public Info Code: Y 03-OCT-1975	Ecozone Eq MMS:	Paleo ID: 001

Remark:

<u>MD / TVD</u>	<u>Paleo Top Description</u>	<u>Ecozone</u>
12090 / 11753	DEF AT Lower Pliocene (Zanclian) Buccella (Eponides) hannai (acme)	DEF AT
12870 / 12478	DEF AT Cyclammina sp. (local marker)	DEF AT